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FINAL REPORT  
ADMINISTRATIVE ORDER BY CONSENT  
UNITED SITE  
Effective Date Of Order: August 2, 1985

Prepared by: Richard M. Armstrong  
PEPCO Project Coordinator  
Date: January 13, 1986

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## INTRODUCTION

The cleanup of the United Site began on July 30, 1985. Management of the cleanup was by the Potomac Electric Power Company (PEPCO). PEPCO engaged Chemical Waste Management, Inc. (CWM) as the primary cleanup contractor; Biospherics, Inc. and MET Electrical Testing Company, Inc. as the test labs; and B. Frank Joy Company, Inc. and The Driggs Corporation as the site restoration contractors. *original info*

The Administrative Order By Consent among PEPCO; United Rigging and Hauling, Inc.; the U.S. Environmental Protection Agency (EPA) and Maryland Department of Health and Mental Hygiene (DHMH) became effective August 2, 1985. The cleanup schedule (see Appendix) originally called for all work to be complete twelve weeks after the Order became effective or October 25, 1985. On October 25, 1985 PEPCO requested an extension to December 1, 1985 (see Appendix) because of the discovery of unanticipated fill material at the site which required special handling and the effect of adverse weather conditions. In addition, the quantity of material removed far exceeded the preliminary estimates.

A further extension was required on December 2, 1985 (see Appendix) due to unusually wet weather during November and additional work which was identified and not part of the original Work Plan. On January 6, 1986 PEPCO formally notified the EPA and DHMH that all work had been completed as of December 23, 1985 (see Appendix).

## GENERAL SITE MANAGEMENT CONSIDERATIONS

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### A. Sediment and Erosion Control

A sediment and erosion control plan was developed by PEPCO's consultant McCrone, Inc. and approved by the EPA and DHMH. PEPCO then obtained a Grading Permit (see Appendix), No. 6772-85-G, on September 17, 1985 from Prince George's County, Maryland. By the time the permit was obtained, all sediment and erosion control devices were in place and an approval inspection was requested and obtained.

At the completion of the project, all sediment control devices were removed and the site was stabilized. PEPCO wrote a letter (see Appendix) to Prince George's County certifying that the excavation and controlled backfill was completed in accordance with the approved plans, specifications and code.

### B. Site Security

A security service was engaged by United Rigging to provide 24 hour per day site security to ensure limited access to contaminated areas.

### C. Fugitive Dust Emission Control

Control of fugitive dust emissions was accomplished by watering the areas of the site being worked with a hose.

### D. Safety Plan

A health and safety plan was established as part of the CWM Work Plan (see Appendix). CWM maintained a full time Safety Officer on the job site to ensure that the safety plan was complied with by all parties.

### E. Equipment Decontamination

A concrete decontamination pad was constructed at the same location where the EPA constructed a temporary decontamination pad during the emergency response phase. A portable pool was erected adjacent to the pad. A high pressure steam cleaner was used to wash off vehicles and equipment. The wash water was collected in a sump, pumped into the pool and then recirculated back through the steam cleaner.

### F. Material Stored for Disposal

Most material stored for disposal was staged in the area being excavated. The sediment control devices provided adequate protection against runoff contaminating clean areas. Some material was staged in a clay lined and bermed holding area until it was loaded on trucks for disposal.

G. Spill Prevention Control and Countermeasure Plan

A spill prevention control and countermeasure plan was prepared (see Appendix) and approved by the EPA On-Scene Coordinator. Daily inspections of the oil handling operation were made to ensure compliance.

H. Traffic Control

Traffic control was achieved by the use of a snow fence around contaminated areas. All traffic working within a contaminated area was decontaminated before entering a clean area.

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I. Split Samples

All parties to the Order agreed that 10% of the samples taken each day from a specific area were to be made available to the EPA and/or DHMH. The EPA and DHMH chose not to accept the splits until work was begun on the F Areas (drains, outfalls and storm sewers).

J. Total Quantities Removed

Transformers - 787  
Mineral oil, water and diesel fuel flush material - 6100 gallons  
Soil - 10,562 tons (553 truckloads)  
Sediment Basin Water - 61,800 gallons

K. Unanticipated Conditions

1. Concrete rubble and four transformer carcasses were encountered while excavating for the F4 sediment basin. Only two of the transformers had nameplates. They were identified as having been purchased by United Rigging from PEPCO. The original source of the remaining transformers could not be identified.
2. Bags of buried asbestos were encountered while excavating in Area C. United Rigging hired Walter E. Campbell Company, Inc. to remove the asbestos.
3. A liquid seep was identified on the slope between F3 and F4. Subsequent testing indicated that the PCB content of soil and liquid samples did not exceed the background level of 3 ppm.
4. The DHMH tested four points along the slope between F3 and F4. One of the results indicated contamination of 66.3 ppm in soil. None of the other results exceeded background which was established at 15 ppm.



Further testing around the contaminated point indicated a relatively large area which had to be cleaned up. This work was performed and the area certified clean.

5. A 350' long swale leading from F3 through the woods to the creek was found to be contaminated. This area was cleaned up to a background level of 3 ppm.

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## WORK PLAN

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### AREA A

#### (PEPCO Transformer Storage Area Inside the Fence)

##### **Schedule:**

Started - August 8, 1985

Completed - November 18, 1985

##### **Classification of Transformers Prior to Disposal:**

Note: Transformer PCB test results were provided by the EPA and DHMH.

0-49 ppm PCB - 621 transformers

50-499 ppm PCB - 151 transformers (includes 85 transformers which could not be tested and therefore were assumed to be in this category)

500 and above ppm PCB - 15 transformers

##### **Transformer Handling and Disposal:**

###### **0-49 ppm PCB:**

Pumped as dry as possible into PEPCO waste oil tanker, turned upside down to attempt to drain any remaining liquid, exterior wiped down, loaded on trailer, transported to F and S Electric Motor and Transformer Company in Chester, Virginia for metal recycling.

###### **50-499 ppm PCB:**

Pumped as dry as possible into PEPCO waste oil tanker, filled with diesel fuel and allowed to sit for 18 hours, flush material pumped out into PEPCO waste oil tanker, turned upside down to attempt to drain any remaining liquid, exterior wiped down, loaded on trailer, transported to F and S Electric Motor and Transformer Company in Chester, Virginia for metal recycling.

###### **500 ppm PCB and above:**

Removed from Area A, wiped down, staged in an adjacent area, transported to SCA Chemical Services in Model City, New York for disposal in accordance with EPA regulations.

### **Liquid Handling and Disposal Procedures/Liquid Quantities:**

The above activities were performed in a cleaning area properly contained and constructed using straw bales, polyethylene sheeting and oil absorbant materials. The mixture of PCB contaminated mineral oil, water and diesel fuel flush material was disposed of at PEPCO's Morgantown Generating Station in accordance with the Work Plan.

### **Contaminated Material Handling and Disposal:**

All contaminated debris was disposed of in accordance with the Work Plan.

Macadam and soil was sampled, analyzed, removed and disposed of in accordance with the Work Plan.

### **Site Restoration:**

Area A was restored in accordance with the Work Plan.

## AREA B

### (Electric Equipment Corporation of Virginia Transformer Storage Area)

#### Schedule:

Started - September 23, 1985

Completed - November 14, 1985

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#### PCB Testing/Contaminated Material Handling and Disposal:

**Note:** Prior to the start of work at the site by PEPCO, the EPA relocated all transformers belonging to Electric Equipment Corporation of Virginia to another location on the site. These transformers were subsequently drained, flushed and disposed of by the EPA.

Soil was sampled, analyzed, removed and disposed of in accordance with the Work Plan.

#### Site Restoration:

Area B was restored in accordance with the Work Plan.

## AREA C

### (Transformer Breakdown Area)

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#### **Schedule:**

Started - August 12, 1985

Completed - November 5, 1985

#### **PCB Testing:**

Samples were taken on a 25' grid at depths of 4", 12", 24" and 36" as required until no PCB's at greater than background were detected. The sample data was used to produce a three dimensional PCB soil contamination contour map of Area C.

#### **Contaminated Material Handling and Disposal:**

Debris not in contact with the ground was assumed to be non-contaminated and moved to a clean area on site.

Metal debris in contact with ground was cleaned while hanging from crane hook using a high pressure steam cleaner and solvent. All liquid was retained within Area C.

Non-metallic debris in contact with ground was removed and disposed of in accordance with the Work Plan.

All soil present in Area C and identified by the contour map as containing PCB at greater than background levels was excavated and disposed of in accordance with the Work Plan.

#### **Site Restoration:**

Area C was restored in accordance with the Work Plan.



## AREA D

### (Isolated Contaminated Unpaved Areas)

#### **Schedule:**

Started - October 14, 1985

Completed - November 26, 1985

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#### **PCB Testing:**

Samples were taken on a 50' grid at 4" depth and analyzed in accordance with the Work Plan.

#### **Contaminated Material Handling and Disposal:**

Debris not in contact with the ground in contaminated sections of Area D was assumed to be non-contaminated and moved to a clean area on site. Metal debris in contact with ground in contaminated sections of Area D was cleaned while hanging from a crane hook using a high pressure steam cleaner and solvent. All liquid was retained within Area D.

Non-metallic debris in contact with ground in contaminated sections of Area D was disposed of in accordance with the Work Plan.

All soil in contaminated sections within Area D was excavated and disposed of in accordance with the Work Plan.

#### **Site Restoration:**

Area D was restored in accordance with the Work Plan.

## AREA E

### (All Remaining Paved Areas on the United Rigging Site)

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#### **Schedule:**

Started - October 2, 1985

Completed - November 26, 1985

#### **PCB Testing:**

Samples were taken on the surface and 4" below the macadam surface on a 25' grid and analyzed in accordance with the Work Plan.

#### **Contaminated Material Handling and Disposal:**

Surface areas which were initially contaminated above background levels were scraped clean using the front bucket of a backhoe and a bobcat loader. The soil and other debris removed was disposed of in accordance with the Work Plan. The macadam surface was then cleaned using a high pressure truck vacuum with the collected material disposed of in accordance with the Work Plan. The macadam surface was then washed using a high pressure washer with a water/Penetone solution.

All grid locations which were originally above background levels were resampled and tested. Some areas had to be washed a second and third time to obtain clean results.

Several grid locations were contaminated at 4" below the macadam. These locations were excavated and the material disposed of in accordance with the Work Plan.

All wash water was collected in the F2 sediment basin and disposed of by burning at PEPCO's Morgantown Generating Station.

#### **Site Restoration:**

The excavated areas were backfilled and repaved to the original slope and grade.

## AREA F

### (Drains, Outfalls, and Storm Sewers)

#### F1

##### **Schedule:**

Started - October 14, 1985

Completed - November 19, 1985

##### **Sediment and Erosion Control:**

A straw bale dike was constructed at the discharge point of F1 prior to any excavation in this area.

##### **PCB Testing:**

Surface samples were taken every 10' along the flow line and analyzed in accordance with the Work Plan.

##### **Contaminated Material Handling and Disposal:**

All contaminated soil was removed and disposed of in accordance with the Work Plan.

##### **Site Restoration:**

Area F1 was restored in accordance with the Work Plan.

#### F2

##### **Schedule:**

Started - August 8, 1985

Completed - December 5, 1985

##### **Sediment and Erosion Control:**

A sediment basin was constructed in accordance with Prince Georges County Grading Permit No. 6772-85-G. A straw bale dike was constructed at the discharge point of F2. This work was performed before any cleanup activities were begun.

##### **PCB Testing:**

Surface samples were taken every 10' along the flow line and analyzed in accordance with the Work Plan.

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### **Contaminated Material Handling and Disposal:**

The catch basins on the United Rigging and Gichner properties were cleaned of all sediment and the sediment disposed of in accordance with the Work Plan. This sediment was assumed to be contaminated. The drainage pipe was then cleaned using a high pressure jet mole. The pipe was flushed until there were no visible traces of contamination remaining. This work was performed on November 12, 1985. ORIGINAL

All water contained by the sediment basin was burned at PEPCO's Morgantown Generating Station.

All contaminated soil was removed and disposed of in accordance with the Work Plan.

### **Site Restoration:**

Area F2 was restored in accordance with the Work Plan.

### **F3**

#### **Schedule:**

Started - August 8, 1985

Completed - December 5, 1985

#### **Sediment and Erosion Control:**

A sediment basin was constructed in accordance with Prince Georges County Grading Permit No. 6772-85-G. A straw bale dike was constructed at the discharge point of F3.

#### **PCB Testing:**

Surface samples were taken every 10' along the flow line. In addition, a 40' wide grid with samples taken every 20' was established in the area of the sediment basin.

### **Contaminated Material Handling and Disposal:**

All water contained by the sediment basin was burned at PEPCO's Morgantown Generating Station.

All contaminated soil was removed and disposed of in accordance with the Work Plan.

### **Site Restoration:**

Area F3 was restored in accordance with the Work Plan.



## **F4**

### **Schedule:**

Started - August 16, 1985

Completed - November 9, 1985

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### **Sediment and Erosion Control:**

A sediment basin was constructed in accordance with Prince Georges County Grading Permit No. 6772-85-G. The basin was constructed much deeper than originally planned because of concrete rubble encountered during excavation.

A straw bale dike was constructed at the creek line before the discharge area was excavated.

### **PCB Testing:**

Since the sediment basin was located in Area C samples were taken on the surface on a 25' grid and analyzed in accordance with the Work Plan for Area C.

The F4 pipe discharge area was sampled on the surface along each of the three (3) identified flow lines on 10' centers and analyzed in accordance with the Work Plan.

### **Contaminated Material Handling and Disposal:**

The drainage pipe was decontaminated on October 8, 1985 by using a high pressure jet mole. The pipe was flushed until there were no visible traces of contamination remaining.

All contaminated soil was removed and disposed of in accordance with the Work Plan.

### **Site Restoration:**

Area F4 was restored in accordance with the Work Plan.

## ADDITIONAL AREAS

### (Not Part of Original Work Plan)

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#### Slope Between F3 and F4

NOTE: This area was not part of the original Work Plan. Contamination was found in this area as a result of testing performed by the State of Maryland on November 25, 1985. PEPCO was instructed to consider this area an extension of Area D with background established at 15 ppm.

#### **Schedule:**

Started - December 2, 1985

Completed - December 23, 1985

#### **PCB Testing:**

Surface samples were taken on approximately a 25' grid and analyzed in accordance with the Work Plan for Area D.

#### **Contaminated Material Handling and Disposal:**

All contaminated soil was removed and disposed of in accordance with the Work Plan.

#### **Site Restoration:**

The area was restored to the original slope and grade and hydroseeded.

#### F3 Discharge Area

NOTE: This area was not part of the original Work Plan. Contamination was found in this area as a result of testing where a temporary bypass around F3 sediment basin discharged. Further testing indicated contamination for approximately 350' through the woods. This area was apparently the original discharge area for F3 before it was regraded by United Rigging. Background for this area was established at 3 ppm.

#### **Schedule:**

Started - December 2, 1985

Completed - December 23, 1985

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**PCB Testing:**

Surface samples were taken on a 50' grid after initial samples were taken on a 10' and 25' grid and analyzed in accordance with the Work Plan for F Areas.

**Contaminated Material Handling and Disposal:**

All contaminated soil was removed and disposed of in accordance with the Work Plan.

**Site Restoration:**

The area was restored to the original slope and grade and hydroseeded.

**APPENDIX A**  
**CLEANUP SCHEDULE**



PRELIMINARY  
CLEAN-UP SCHEDULE  
UNITED RIGGING & HAULING, INC.  
SUPERFUND SITE

July 10, 1990

ACTIVITY DESCRIPTION	WEEK NUMBER											
	1	2	3	4	5	6	7	8	9	10	11	12
Prepare Safety Plan & Obtain OSC Approval	X	X										
Prepare SPCC & Obtain OSC Approval	X	X										
Prepare Traffic Control Plan & Obtain OSC Approval	X	X										
Set up Field Office, Generator, etc.	X	X										
Bid and Award Contracts:												
Security	X											
Hazardous Waste Disposal	X	X	X									
Testing Lab	X	X	X									
AREA A												
Remove Mineral Oil Transformers		X	X									
Clean Surface Area Inside Area A Fence				X								
Sample Area A				X								
Remove Contaminated Macadam & Soil					X							
Restore Area A					X							
AREA B												
Remove EEC Transformers from Site				X								
Sample Area B				X								
Remove Contaminated Soil					X							
Restore Area B						X						
AREA C												
Clean and Remove PCB Debris					X							
Sample Area C						X	X					
Prepare 3 Dimensional Contour Map							X					
Remove Contaminated Soil								X	X			
Restore Area C										X		

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July 16, 1985

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**APPENDIX B**  
**EXTENSION REQUESTS**



NOTED OCT 26 1985 R.M.A.

POTOMAC ELECTRIC POWER COMPANY

1900 PENNSYLVANIA AVE., N.W.

WASHINGTON, D. C. 20068

October 25, 1985

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Mr. R. M. Aitken  
U.S. Environmental Protection Agency  
841 Chestnut Building, Region III  
Philadelphia, Pennsylvania 19107

Mr. F. R. Henderson  
State of Maryland  
Department of Health and Mental Hygiene  
201 West Preston Street  
Baltimore, Maryland 21201

Gentlemen:

This letter confirms prior discussions regarding extension of the cleanup schedule contained in Administrative Order By Consent among PEPCO, United Rigging and Hauling, U.S. Environmental Protection Agency and Maryland Department of Health and Mental Hygiene which became effective August 2, 1985. Despite diligent prosecution of the cleanup, the extension is necessary because of certain events and conditions beyond PEPCO's control, including, among other things, adverse weather and the discovery of unanticipated fill material at the site which required special handling. PEPCO has kept EPA and the State advised of such causes of delay as they occurred. PEPCO's best estimate for completion of cleanup activities is currently December 1, 1985.

Very truly yours,

*R. M. Armstrong*  
R. M. Armstrong  
PEPCO Project Coordinator

cc: United Rigging and Hauling, Inc.  
Messrs. K. Rader  
R. E. Caron  
M. Powell  
J. Koontz  
Mrs. K. B. DeWeese

POTOMAC ELECTRIC POWER COMPANY

1900 PENNSYLVANIA AVE., N.W.

WASHINGTON, D. C. 20068

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December 2, 1985

Certified Mail

Mr. R. M. Aitken  
U.S. Environmental Protection Agency  
841 Chestnut Building, Region III  
Philadelphia, Pennsylvania 19107

Mr. F. R. Henderson  
State of Maryland  
Dept. of Health and Mental Hygiene  
201 West Preston Street  
Baltimore, Maryland 21201

Gentlemen:

This letter is to inform you that cleanup at the United Rigging site has not yet been completed due to wet weather and additional sampling not originally contemplated. Although most of the cleanup has been accomplished, test results are being awaited to determine any future action. PEPCO will continue to keep you advised as to the status of the cleanup activities.

Very truly yours,

*R. M. Armstrong*

R. M. Armstrong  
PEPCO Project Coordinator

cc: United Rigging and Hauling, Inc.  
Messrs. K. Rader  
R. E. Caron  
M. Powell  
J. Koontz  
Mrs. K. B. DeWeese

APPENDIX C  
NOTIFICATION OF WORK COMPLETION

January 6, 1986

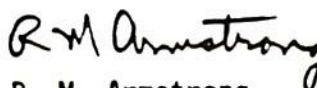
Mr. R. M. Aitken  
U. S. Environmental Protection Agency  
841 Chestnut Building, Region III  
Philadelphia, Pennsylvania 19107

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Gentlemen:

This letter is to inform you that cleanup at the United Rigging site has been completed. The last hazardous waste shipment left the site on December 18, 1985 and the final hydroseeding was completed on December 23, 1985. The final report is being prepared and will be sent to you as soon as possible.

Very truly yours,



R. M. Armstrong  
PEPCo Project Coordinator

cc: United Rigging and Hauling, Inc.  
Messrs. K. Rader  
R. E. Caron  
M. Powell  
J. Koontz  
Mrs. K. B. DeWesse

POTOMAC ELECTRIC POWER COMPANY

1900 PENNSYLVANIA AVENUE, N. W., WASHINGTON, D. C. 20068

(202) 872-2000

January 6, 1986

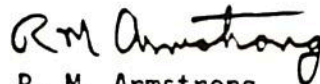
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Mr. F. R. Henderson  
State of Maryland  
Dept. of Health and Mental Hygiene  
201 West Preston Street  
Baltimore, Maryland 21201

Gentlemen:

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Very truly yours,



R. M. Armstrong  
PEPCo Project Coordinator

cc: United Rigging and Hauling, Inc.  
Messrs. K. Rader  
R. E. Caron  
M. Powell  
J. Koontz  
Mrs. K. B. DeWesse



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APPENDIX D  
GRADING PERMIT

PRINCE GEORGE'S COUNTY

P E R M I T

DEPARTMENT OF ENVIRONMENTAL RESOURCES  
DIVISION OF CONSTRUCTION STANDARDS  
COUNTY ADMINISTRATION BUILDING

9/11/85

PROJ OWNER: SLIDAN, CHARLES E  
AL SANCHEZ, VP  
5701 AAMENDALE RD  
BELTSVILLE, MD 20705

CONTRACTOR: CHEMICAL WASTE MANAGEMENT  
RON WIS, PROJ ENG.  
6701 AAMENDALE RD  
BELTSVILLE, MD 20705

301-937-8510

301-937-8510

TYPE OF PERMIT:  
GRADING

PROPOSED USE:  
OPEN LANDS

EXISTING OR : OPEN LANDS  
FORMER USE  
WORK DESCRIP: ROUGH GRADE

SUBDIVISION: INTER-CITY  
OWNERSHIP: PRIVATE  
LIBER: 4232  
POLIO: 932  
ED/ACCT NO.: 01/3265001 000  
LOT:  
BLOCK:  
TAX MAP: 0013  
SDO: 52936  
SPEC EXCEPT:

HEIGHT FT:  
WIDTH FT:  
DEPTH FT:  
NO STORIES:  
DWELL UNIT:  
PARKING SP:  
LIVE LOAD:  
USE GROUP:  
TYPE CONST:  
PARCEL: B-1

TOTAL SITE AREA: 800,000  
GRADED AREA: 208,200  
OCCUPANCY LOAD: 0  
SITE CERTIF: YES  
STRUCTURE CERT: N/A  
SEWER: WSSC  
WATER: WSSC  
HEAT: N/A

NON-RES KITCHEN: N/A  
ELECTRICITY: N/A  
CENTRAL A/C: N/A  
VEND MACH: N/A  
ELEVATOR: N/A  
ELEVATOR: N/A  
ELEVATOR: N/A  
ELEVATOR: N/A

*Robert M. Brown*

THIS PERMIT IS VOID TWELVE (12) MONTHS FROM DATE ISSUED IF CONSTRUCTION HAS NOT  
STARTED, OR HAS BEEN SUSPENDED OR DISCONTINUED FOR A PERIOD OF SIX (6) MONTHS  
OR UNLESS OTHERWISE INDICATED.

INSPECTION AREA: 30

INSPECTION APPROVALS

EXPIRATION DATE: 3/31/95

BUILDING INSPECTOR	HEALTH	ELECTRICAL
APPROVED: 310 242	PLUMBING	FIRE MARSHAL

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RE: NO. 06772-85-G CC

LOCATION 6701 AMMENDALE  
BELTSVILLE

09/17/85  
RD  
20705

PERMIT IS CONDITIONED AS FOLLOWS, SUBMIT THE FOLLOWING:

- \_\_\_\_ AT COMPLETION, CERTIFICATION BY DESIGNER THAT SITE GRADING CONFORMS TO CODE AND APPROVED PLAN.
- \_\_\_\_ AT COMPLETION, CERTIFICATION BY DESIGNER THAT PRIVATE STORM DRAIN AND/OR DETENTION SYSTEMS CONFORM TO CODE, APPROVED PLANS AND SPECIFICATIONS
- \_\_\_\_ COMPACTION TEST REPORTS BY APPROVED AGENCY FOR CLASS I AND II FILL AS WORK PROGRESSES.

SITE CERTIFICATE

PRINCE GEORGE'S COUNTY--DEPARTMENT OF ENVIRONMENTAL RESOURCES

RE: NO. 06772-85-G CC

LOCATION 6701 AMMENDALE  
BELTSVILLE

09/17/85  
RD  
20705

A USE AND OCCUPANCY CERTIFICATE WILL NOT BE ISSUED UNTIL ALL  
CERTIFICATIONS AND REPORTS ARE RECEIVED.

CHEMICAL WASTE MANAGEMENT  
RON MIS, PROJ ENG.  
6701 AMMENDALE RD  
BELTSVILLE MD 20705

ALWAYS USE THE ABOVE NUMBER (RE:  
NO.) WHEN INQUIRING ABOUT THIS  
NOTICE, OR SUBMITTING INFORMATION.  
MOSTAFA A. FAHMY  
STRUCTURAL ENGINEER  
CONSTRUCTION STANDARDS DIVISION  
(301) 952-4480

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APPENDIX E

GRADING CERTIFICATION LETTER AND SOIL COMPACTION TEST RESULTS



**POTOMAC ELECTRIC POWER COMPANY**

1900 PENNSYLVANIA AVENUE, N. W., WASHINGTON, D. C. 20068

(202) 872-2000

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January 2, 1986

Prince George's County  
Department of Licenses and Permits  
14741 Gov. Oden Bowie Drive  
Upper Marlboro, Maryland 20870

Attention: Mr. Arthur M. Brown  
Chief of Construction Standards  
Department of Environmental Resources

Re : Submittal of Certification Statement  
and Report of Inspections  
United Rigging Superfund Cleanup Site  
Building Permit No. 6772-85-G


Gentlemen:

This letter is to certify, to the best of my knowledge and belief, based on observations on the job site, and test reports submitted by Law Engineering Testing Company, that the excavation and controlled backfill was completed in accordance with the approved plans, specifications, and code.

In compliance with the requirements of the building permit, I am submitting the "Report of Inspection/Testing Services" prepared by Law Engineering Testing Company, dated November 7, 1985. The report states that fill has been compacted to at least 90% of the specified Modified Proctor maximum dry density in accordance with ASTM D-1557.

If I can be of further assistance, please feel free to contact me on 202-872-2720.

Very truly,

  
Michael G. Fekete, Jr., P. E.  
Senior Project Engineer  
Maryland Professional Engineering 11314



**LAW ENGINEERING TESTING COMPANY**  
geotechnical, environmental & construction materials consultants  
OAKLAND CENTER  
8940J ROUTE 108  
COLUMBIA, MARYLAND 21045  
(301) 992-5442

November 7, 1985

NOTED NOV 14 1985 R.M.A.

Potomac Electric Power Company  
1900 Pennsylvania Avenue, N. W.  
Washington, D. C. 20068

ATTENTION: Mr. Mike Fekete

SUBJECT: Report of Inspection/Testing Services  
United Rigging-PCB Fill  
Prince Georges County, Maryland  
Law Engineering Testing Project No.: B5-182

Gentlemen:

Law Engineering is pleased to submit this report of our inspection and testing services for the above referenced project. Our services were provided in accordance with our scope of services outlined in our Proposal PB5-178 dated October 1, 1985.

As a result of PCB contamination of the soil at the above project location, our services were requested to monitor placement of controlled fill at the contaminated area. After the contaminated soil was removed, the area was proofrolled to detect any areas of unstable subgrade. The area was then filled and compacted in approximately one foot lifts to return the area to original grade. The total area filled measured approximately 200 by 250 feet. The attached Drawing No. 1 shows the approximate boundaries of the site.

Generally, the northern portion of the site received approximately 4 to 5 feet of fill, the southern portion received approximately 1 to 2 feet of fill and the sediment pond received approximately 7 to 8 feet of fill. The underlying subgrade soil throughout most of the area consisted of previously placed uncontrolled debris fill.

According to our project information, we understand that the area filled will be unpaved and will be used only for open storage. Since most of the site is underlain by soils that were placed in an uncontrolled manner, we do not consider this site suitable for any permanent structures.

The following is a summary of field services provided on each of the given dates from September 30, 1985 through October 14, 1985.



September 30, 1985

LETCo personnel were on site to observe general site conditions prior to fill placement. LETCo personnel also met with PEPCo personnel to discuss our scope of services.

October 10, 1985

LETCo personnel were on site to observe proofroll and filling operations at the northern portion of the site. The proofroll of this area was considered satisfactory this date. Field density test results are attached.

October 11, 1985

LETCo personnel were on site to observe the filling operations at the northern portion of the site. A total of approximately 4 to 5 feet of fill was placed within this portion of the site. Field density test results are attached.

October 12, 1985

LETCo personnel were on site to observe proofroll and filling operations within the southern portion of the site and filling operations within the sediment pond. The proofroll conducted at the southern portion of the site was considered satisfactory. Field density test results are attached. A proofroll was not conducted at the sediment pond prior to placement of fill. Two layers of fill material were used to stabilize the soil within the sediment pond. Initially, 1 to 2 feet of stone was worked into the subgrade soils at the bottom of the sediment pond. Filter cloth was then placed on top of the stone and the first lift of soil fill was placed on top of the filter cloth this date.

October 14, 1985

LETCo personnel were on site to observe the continuation of filling operations within the southern portion of the site and the sediment pond. A total of approximately 1 to 2 feet of fill was placed at the southern portion of the site and approximately 5 feet of fill was placed on top of the filter cloth at the sediment pond to reach original grade. Field density test results are attached. Law Engineering completed its testing and inspection services for this project this date.

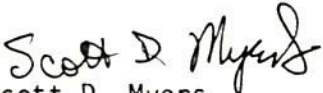
The attached field density test results were obtained during monitoring of compacted fill for the site from October 10, 1985 through October 14, 1985. These tests were performed on compacted fill. As indicated by the test results, the fill has been generally compacted to at least 90% of the specified modified Proctor maximum dry density (ASTM D-1557).




Potomac Electric Company  
November 7, 1985  
Page Three

We appreciate being of service to you on this project and have enjoyed our cordial relationship with you in the past. We welcome the opportunity to be of service to you with future projects.

Very truly yours,  
LAW ENGINEERING TESTING COMPANY

  
Scott D. Myers  
Staff Geologist

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(Red)

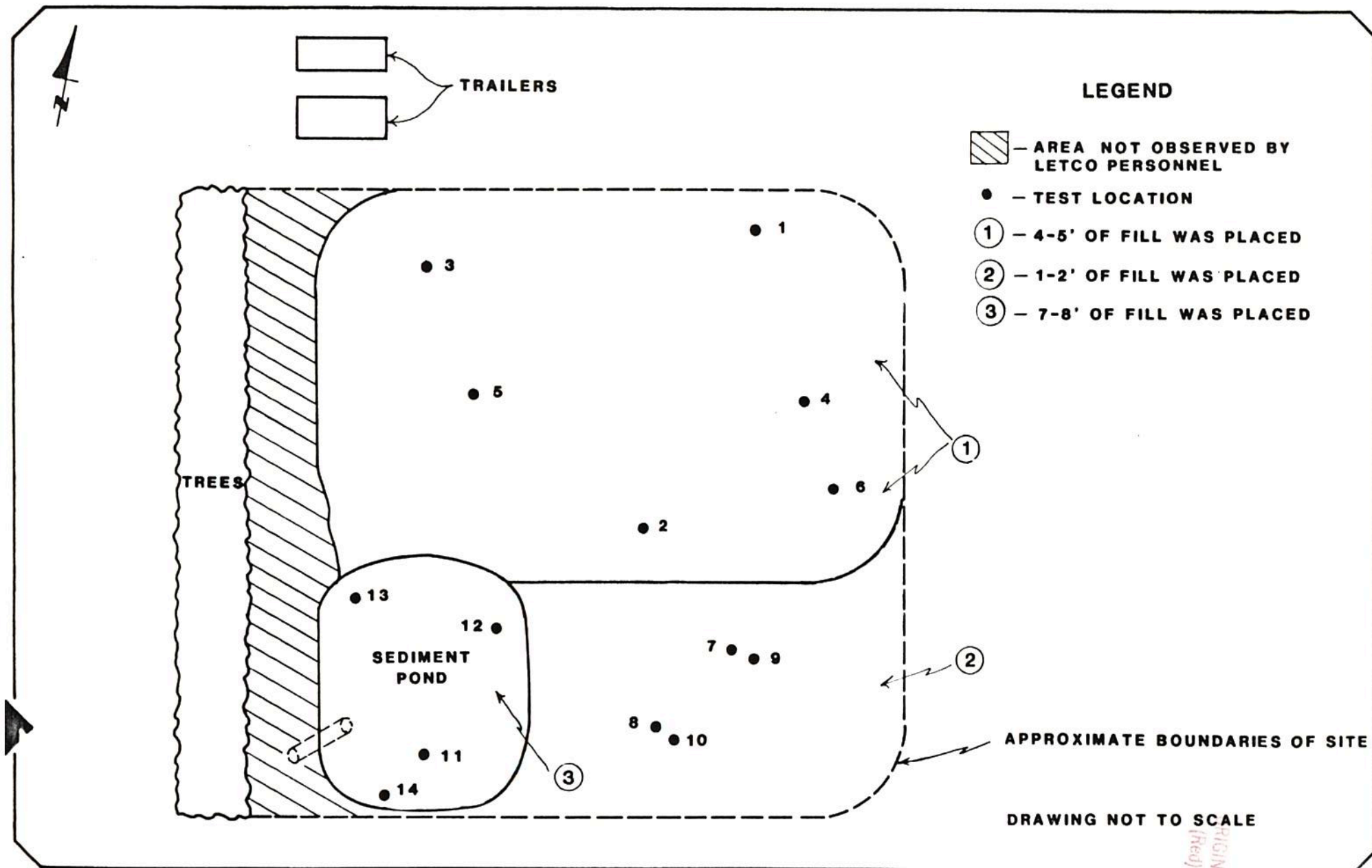
  
William R. Mosher, P.E.  
Manager, Baltimore Office

Attachments: Drawing No. 1  
Field Density Report  
Proctor Curve

SDM/WRM/rkz







UNITED RIGGING-PCB FILL  
BELTSVILLE, MARYLAND

## FIELD DENSITY TEST LOCATION PLAN

Job No. B5-181  
Drawn: LJF  
Checked: WRM  
Date: 11-7-85

# LAW ENGINEERING TESTING COMPANY



OAKLAND CENTER  
8940J ROUTE 108  
COLUMBIA, MARYLAND 21045  
(301) 992-5442

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(Red)

## REPORT OF FIELD DENSITY

CLIENT: PEPCo

DATE: November 7, 1985

PROJECT: United Rigging-PCB Fill

JOB NO. B5-182

TEST NO.	WEIGHT PCF	PERCENT MOISTURE	DENSITY PCF	*	PERCENT COMPACTION	PERCENT COMPACTION REQUIRED	LOCATION	DEPTH FROM GRADE
1	139.2	16.0	120.0	1	93	90	Tests Performed October 10, 1985 See Attached Drawing No. 1	4'
2	140.2	15.1	121.8	1	94	90	See Attached Drawing No. 1	4'
3	142.2	15.4	123.4	1	95	90	See Attached Drawing No. 1	3'
4	134.7	15.2	116.9	1	90	90	See Attached Drawing No. 1	2'
5	146.4	15.8	126.4	1	98	90	Tests Performed October 11, 1985 See Attached Drawing No. 1	1'
6	141.4	16.7	121.2	1	94	90	See Attached Drawing No. 1	1'
7	135.4	20.0	112.8	1	87**	90	Tests Performed October 12, 1985 See Attached Drawing No. 1	0'
8	134.4	15.2	116.7	1	90	90	See Attached Drawing No. 1	0'
9	142.1	15.3	123.2	1	95	90	Tests Performed October 14, 1985 Retest of Test #7	0'
10	146.8	11.1	132.1	1	100+	90	See Attached Drawing No. 1	0'
11	140.7	15.0	122.3	1	95	90	See Attached Drawing No. 1	3'
12	142.6	16.5	122.4	1	94	90	See Attached Drawing No. 1	2'
13	136.6	15.8	117.9	1	91	90	See Attached Drawing No. 1	1'
14	139.5	12.2	124.3	1	96	90	See Attached Drawing No. 1	0'

REMARKS: The above tests were performed by Engineering Technicians D. Gardner and M. Javadi-pour via Sand Cone Method (ASTM D1556).

\*\* Area needed to be recompact and re-tested.

\* TESTS COMPARED TO:

MOISTURE-DENSITY  
RELATIONSHIP NO.

MAXIMUM DRY  
DENSITY, PCF

OPTIMUM MOISTURE  
PERCENT

1

129.3

7.7



# LAW ENGINEERING – COMPACTION TEST

JOB NAME: United Rigging - PCB Fill

JOB NUMBER: B5-182

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(Red)

CLIENT: PEPCO

DATE SAMPLED: 10/2/85

BULK SAMPLE NO. 1

MOISTURE DENSITY RELATIONSHIP NO. 1

SOURCE OF MATERIAL: Off-site

PROPOSED USE OF MATERIAL: Fill

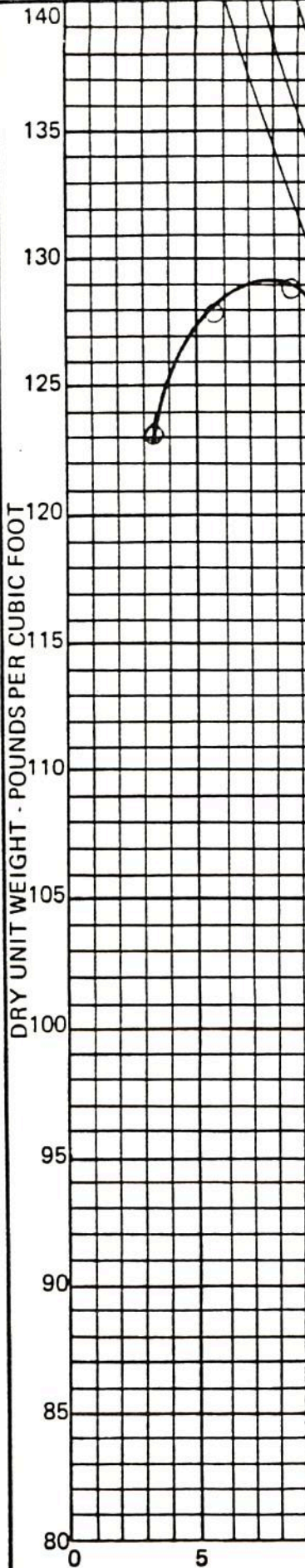
TEST METHOD: ASTM D-1557(C)

MAXIMUM DRY DENSITY-PCF 129.3

OPTIMUM MOISTURE CONTENT, % 7.7

MAT. CLASSIFICATION: Brown silty CLAY  
(CL), with little rock fragments

DRY UNIT WEIGHT - POUNDS PER CUBIC FOOT



## GRADATION

SIEVE SIZE	% PASSING
200	76.6

Plasticity Index: 10; LL=27

Natural Moisture

Content:

2.80  
2.70  
2.60

WATER CONTENT - PERCENT OF DRY WEIGHT

100  
(100)

APPENDIX F  
HEALTH AND SAFETY PLAN





SECTION 5.0

HEALTH AND SAFETY PLAN

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(Red)

- I. PURPOSE AND SCOPE
- II. MEDICAL SURVEILLANCE
- III. EMPLOYEE TRAINING AND INFORMATION
- IV. AIR QUALITY MONITORING PROGRAM
- V. GENERAL SAFE WORK PRACTICES
- VI. PERSONAL PROTECTIVE EQUIPMENT
- VII. WORK ZONE AND DECONTAMINATION PROCEDURES
- VIII. EMERGENCY RESPONSE PLAN



## SECTION 5.0

### HEALTH AND SAFETY PLAN

ORIGINAL  
(Red)

#### I. PURPOSE AND SCOPE

This health and safety plan for the United Rigging site is intended to prescribe minimum procedural and equipment requirements for worker protection. Operating conditions can be expected to change as the work progresses, requiring some modification of the plan. As appropriate, addenda will be provided by the CWM-ENRAC Site Safety Officer and/or the Health and Safety Manager. The plan is designed to comply with established CWM-ENRAC policies and procedures, and applicable state and federal OSHA regulations. Therefore, no changes to the plan will be authorized without prior approval of the ENRAC Health and Safety Department. All CWM-ENRAC site personnel, site visitors, and subcontractor personnel are subject to the provisions of this directive.

#### II. MEDICAL SURVEILLANCE

##### A. Examination Requirements

All CWM-ENRAC personnel on-site shall have successfully completed a preplacement or annual periodic/update medical examination in accordance with established CWM/ENRAC policies and procedures, and consistent with the provisions of the OSHA carcinogen standards. This examination shall include a complete medical and occupational history, physical examination, and selected biological sampling. Laboratory studies include a complete blood count (CBC); urine analysis; chemistry panel (SMAC); pulmonary function testing (FEV, and FVC); chest X-ray (PA); audiometry; and vision screening. Additional tests are conducted as deemed appropriate by the occupational physician. Ongoing medical consultation and post-project testing will be provided.

B. Medical surveillance for subcontractor and/or transportation shall be consistent with the requirements of Section A above.



C. Emergency Medical Treatment

ORIGINAL  
(Red)

In the event of an employee injury or illness requiring emergency medical care beyond the capabilities of on-site CPR and first-aid trained personnel, local safety resources will be utilized as appropriate in consultation with the contingency plan developed with the Perth Amboy Fire Department.

III. EMPLOYEE TRAINING AND INFORMATION

- A. All ENRAC site personnel shall have completed the Basic Hazards Awareness Course provided by the ENRAC Health and Safety Department. This coursework is a combination of formal classroom training, practical exercise, and written and practical performance evaluation.

This formal training is augmented by daily crew briefings and site specific training as required. All subcontractor personnel will be required to complete the Basic Hazards Awareness Course and attend all crew briefings.

- B. In the event that specific organic/inorganic compounds and/or substances are encountered during initial background air monitoring studies or during site operations which mandate additional employee training, such training will be conducted in accordance with ENRAC's Safety Procedures.

- C. A completed Material Safety Data Sheet, prepared in accordance with established CWM-ENRAC procedures, for each hazardous substance or hazardous mixture likely to be encountered at the site, shall be available at the Command Center for employee review.

#### IV. AIR QUALITY MONITORING PROGRAM

##### A. General

An air quality monitoring program shall be implemented to provide baseline and on-going air quality data for site operations. The program shall include as a minimum, the following:

1. A preliminary survey of existing air quality conditions, prior to any surface disturbances and, if possible, under anticipated "worst case" weather conditions (hot, dry and stagnant), to be used to establish baseline levels for input into the respiratory protection selection process;
2. An on-going evaluation of on-site atmospheric contaminant concentrations during site remediation activities that involve significant surface disturbances; and
3. Perimeter monitoring of off-site downwind air quality conditions during significant surface disturbances.

##### B. Specific Site Sampling Requirements

###### 1. Industrial Hygiene Sampling

Representative personnel exposure monitoring, to determine eight-hour time weighted average (TWA) exposure concentrations shall be conducted as deemed appropriate by the Site Safety Officer or his designees. Sampling methods, analytical procedures, and sampling frequencies shall be consistent with OSHA and NIOSH requirements and established CWM-ENRAC policies and procedures.

###### 2. Regular Review of Selected Level of Protection

The site Safety Officer will compare the monitoring results on a regular basis with the OSHA standard to insure that the selected level of protection is appropriate.

GENERAL SAFE WORK PRACTICES

- A. Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand to mouth transfer and ingestion of material is prohibited in any area where the possibility of contamination exists.
- B. Hands must be thoroughly washed upon leaving a contaminated or suspected contaminated area before eating, drinking, or any other activities transpire.
- C. Thorough washing of the entire body should be accomplished whenever decontamination procedures for outer garments are in effect. The washing should occur as soon as possible after the final wearing of protective garments.
- D. Legible and understandable precautionary labels shall be prominently affixed to containers of raw materials, intermediates, products, mixtures, scrap, waste, debris, and contaminated clothing.
- E. Contaminated protective equipment shall not be removed from the regulated area until it has been cleaned or properly packaged and labeled.
- F. Removal of materials from protective clothing or equipment by blowing, shaking, or any other means which may disperse materials into the air is prohibited.
- G. Portable or fixed emergency shower/eyewash stations shall be strategically located throughout the regulated area.
- H. A deluge shower or hose and nozzle shall be available if needed in the Contamination Zone to wash down heavily contaminated personnel before removing protective clothing.



- I. All trenching and excavation work will comply with regulatory agency rules.
- J. Personnel on-site must use the "buddy" system when wearing any respiratory protective equipment. Communications between members must be maintained at all times. Emergency communications should be pre-arranged in case of radio breakdown or lack of radios. Visual contact must be maintained between "pairs" on-site and each team should remain in close proximity to assist each other in case of emergencies.
- K. Personnel should be cautioned to inform each other of subjective symptoms of chemical exposure such as headache, dizziness, nausea, and irritation of the respiratory tract, eyes, or skin.
- L. No excessive facial hair which interferes with a satisfactory fit of the mask-to-face seal, will be allowed on personnel required to wear respiratory protective equipment.
- M. All respiratory protection selection, use, and maintenance shall meet the requirements of established CWM-ENRAC procedures, recognized consensus standards (AIHA, ANSI, NIOSH), and shall comply in all respects to the requirements set forth in 29 CFR 1910.134.
- N. Appropriate work areas for support, contamination reduction and exclusion will be established.
- O. ENRAC personnel on-site are to be thoroughly briefed on the anticipated hazards, equipment requirements, safety practices, emergency procedures and communications methods, initially and in daily briefings.
- P. Any skin contact with surface and groundwater shall be avoided.
- Q. Steel toe and shank neoprene boots will be worn on-site at all times.



B. Emergency Equipment

The following equipment shall be available at the work site:

4. Establish work regimens consistent with ACGIH Guidelines.
5. To assist in determining the body's recuperative ability to excessive heat, one or more of the following monitoring techniques should be used as a screening mechanism for determining recovery. Monitoring of personnel should commence at least when the ambient temperature increases or as monitoring indicates slow recovery rates (after every work period above 85°).
- a. Heart Rate (HR) should be measured by the radial pulse during 30 seconds as early as possible in the resting period. The HR at the beginning of the rest period should not exceed 110 beats per minute. If the HR is in excess of the above value, the next work period should be shortened by 10 minutes (or 33%) while the length of the rest period stays the same. If the pulse rate is in excess of 110 beats per minute at the beginning of the next rest period, the following work cycle should be further shortened by 33%.
- b. Body Temperature (BT) should be measured orally with a clinical thermometer as early as possible in the resting period. Oral temperature should not exceed 99.7°F (corresponding to 100.4°F BT). If OT exceeds 99.7°F, the next work period should be shortened by 10 minutes (or 33%) while the length of the rest period stays the same. However, if the OT is in excess of 99.7°F at the beginning of the next rest period, the following work cycle should be further shortened by 33%. OT should be measured again at the end of the rest period to make sure that OT has decreased below 99.7°F.

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- ORIGINAL  
(Red)
- c. Body Water Loss (BWL) due to sweating during the work day should be measured by the difference between body weight in the morning before work and body weight in the evening after finishing work. The clothing worn should be similar at both weighings; preferably the worker should be nude. The scale should be accurate to  $\pm \frac{1}{2}$  lb. BWL should not exceed 1.5% of total body weight. If BWL exceeds 1.5%, the worker should be instructed to increase his daily intake of fluids by the amount of total deficit (morning body weight minus evening body weight). The ideal condition is to maintain the body fluids at a constant level during the whole work day. This requires the replacement of the salt lost in the sweat as well. This can be achieved by eating salted meals during the day and/or drinking fluids containing 0.1% salt.

## VI. PERSONAL PROTECTIVE EQUIPMENT

### A. Introduction

It is important that personal protective equipment and safety requirements be appropriate to protect against the potential hazards at the site. Protective equipment will be selected based on the contaminant type(s), concentration(s), and routes of entry. In situations where the type of materials and possibilities of contact are unknown or the hazards are not clearly identifiable, a more subjective determination must be made of the personal protective equipment.

### B. Levels of Protection

Level A: Should be worn when the highest level of respiratory, skin, and eye protection is needed.

Level B: Should be selected when the highest level of respiratory protection is needed, but a lesser level of skin protection is required.

Level C: Should be selected when the type(s) of airborne substance(s) is(are) known, the concentration(s) is(are) measured, and the criteria for using air-purifying respirators are met. (Red)

Level D: Should not be worn on any site with respiratory or skin hazards. Is primarily a work uniform providing minimal protection.

#### C. Required Protection

ENRAC will provide its employees with appropriate personal protective equipment as required. Only NIOSH/MSHA certified respiratory protective equipment will be utilized.

Respiratory protection as specified in the OSHA standards shall be provided (Exhibit A). Protective clothing for site operations must provide vapor and liquid barrier protection against chlorinated hydrocarbons.

### VII. WORK ZONE AND DECONTAMINATION PROCEDURES

#### A. General

A site must be controlled to reduce the possibility of exposure to any contaminants present and their transport by personnel or equipment from the site.

A control system is required to assure that personnel and equipment working on the hazardous waste site are subjected to appropriate health and safety surveillance.

The possibility of exposure or translocation of contaminants can be reduced or eliminated in a number of ways, including:

- Setting up security or physical barriers to exclude unnecessary personnel from the general area.



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(Red)

- Minimizing the number of personnel and equipment on-site consistent with effective operations.
- Establishing work zones within the site.
- Establishing control points to regulate access to work zones.
- Conducting operations in a manner to reduce the exposure of personnel and equipment.
- Minimizing the airborne dispersion of contaminant(s).
- Implementing appropriate decontamination procedures.

#### B. Field Operations Work Areas

Work areas (zones) will be established based on anticipated contamination. Within these zones prescribed operations will occur utilizing appropriate personal protective equipment. Movement between areas will be controlled at checkpoints. The planned zones are:

1. Exclusion Area (contaminated);
2. Contamination Reduction Area; and
3. Support Area (non-contaminated).

##### 1. Exclusion Area

The Exclusion Area is the innermost area of three concentric rings and is considered contaminated, dirty or "hot". Within this area, prescribed protection must be worn by any entering personnel. An entry checkpoint will be established at the periphery of the Exclusion Area to control the flow of personnel and equipment between contiguous zones and to ascertain that the procedures established to enter and exit the zones are followed. The Exclusion Area boundary will be established initially based on the presence of the contaminant(s) within the area. Subse-

quent to initial operations the boundary may be readjusted based on observations and/or measurements. The boundary will be physically secure and posted.

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(Red)

2. Contamination Reduction Area

Between the Exclusion Area and the Support Area is the Contamination Reduction Area. The purpose of this zone is to provide an area to prevent or reduce the transfer of contaminants which may have been picked up by personnel or equipment returning from the Exclusion Area. All decontamination activities occur in this area.

The boundary between the Support Area and the Contamination Reduction Area is the contamination control line. This boundary separates the possibly-contaminated area from the clean zone.

Entry into the Contamination Reduction Zone from the clean area will be through an access control point. Personnel entering at this station will be wearing the prescribed personal protective equipment for working in the Contamination Reduction Area. Exiting the Contamination Reduction Area to the clean area requires the removal of any suspected, or known, contaminated personal protective equipment and compliance with decontamination procedures.

3. Support Area

The Support Area is the outermost of three rings and is considered a non-contaminated or clean area. It contains the Command Post (CP) for field operations and other elements necessary to support site activities. Normal street or Level D work clothes are the appropriate apparel within this zone.

C. Zone Dimensions

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Considerable judgement is needed to assure safe working distances for each zone, balanced against practical work considerations. Physical and topographical barriers may constrain ideal locations. Field/laboratory measurements combined with meteorological conditions and air dispersion calculations will assist in establishing the control zone distances.

E

D. Decontamination Procedures

1. Introduction

As part of the system to prevent or reduce the physical transfer of contaminants by people and/or equipment from on-site, procedures will be instituted for decontaminating anything leaving the Exclusion Area and Contamination Reduction Area. These procedures include the decontamination of personnel, protective equipment, monitoring equipment, clean-up equipment, etc. Unless otherwise demonstrated, everything leaving the Exclusion Area should be considered contaminated and appropriate methods established for decontamination. In general, decontamination at the site consists of rinsing equipment, personnel, etc., with copious amounts of water and washing the same with detergent water solution.

2. Procedure

- a. Personnel equipment worn into the Exclusion Area will be decontaminated upon leaving the Contamination Reduction Area. All equipment decontaminated will be air dried.
- b. The decontamination of equipment, material and personnel used or working in the Contamination Reduction Area may be somewhat less complex than that used within the Exclusion Area.



- c. The spent solution, brushes, sponges, containers, stands, etc., used in the decontamination process must, until shown otherwise, be considered contaminated and must be properly disposed.

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## VIII. EMERGENCY RESPONSE PLAN

### A. Site Emergency Warning System

Several warning systems may be utilized depending on the worksite conditions or emergency involved:

1. Verbal communications
2. Verbal communications assisted with a bull horn
3. Verbal communications assisted with a site PA system
4. Radio communications
5. Vehicle horns
6. Portable hand-held compressed gas horns

Verbal instructions with or without assistance are used to deal with specific incidents.

Radio communications are used on-site to give instructions and directions. Emergency radio communications are prefixed as such and have priority over operations communications.

Horn signals are used to signify an emergency warning.

One long blast is used on-site to signify emergency evacuation of the immediate work area to a predetermined location upwind, where a head count will be taken and further instructions given.

Repeated short blasts are used on-site or from off-site to signify evacuation of all personnel from the site to the hot line where further instructions will be given after a head count is taken.



## B. Emergency Equipment

The following equipment shall be available at the work site:

1. Fire extinguishers - dry chemical
- ORIGINAL 2. First aid kits (including chemical burn kit)  
(Red)
3. Emergency oxygen kit
4. Emergency shower kit (pressurized)
5. P.D.T. (personal decontamination trailer)
6. Non-sparking tool kit
7. Fire Blankets
8. Litters
9. Portable two-way radio equipment
10. Combustible gas and oxygen detector alarm.
11. Organic vapor detection instruments - HNU photoionizer detector  
or Foxboro Analytical (formerly Century Systems) OVA
12. Inorganic vapor detector tubes and air supply pumps - Draeger  
and/or MSA
13. Hand-held compressed gas horns
14. Bull horns
15. Appropriate spill cleanup supplies and equipment

## C. General Emergency Procedures

In case of an emergency or hazardous situation, the team member that observes this condition shall immediately give the alarm.

1. Upon hearing an alarm, all non-emergency communications will cease and the member giving the alarm will proceed to give the Project Manager all pertinent information.
2. Actions to be taken will be dictated by the emergency.
3. Power equipment will be shut down and operators will stand by for instruction.

4. Injured personnel will be transported to the Personnel Decontamination Trailer (PDT).

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(Red)

5. CWM-ENRAC Command Post (CP) will be notified immediately.
6. In case of a fire, explosion or hazard alarm, individuals will proceed immediately to assigned pre-located safe sites.
7. Upon arrival at the safe sites, a complete head count will be given to Project Manager and individuals will stay at the safe site until the area is secured.

#### D. Personal Injury

If an injury occurs due to an accident or exposure to a hazardous substance, the CWM-ENRAC CP will be immediately notified by radio. The Site Safety Officer will be given all appropriate information concerning the nature and cause of the injury so that treatment preparations can be initiated. The injured person will be transported to the hot line where appropriate first aid and treatment can begin. The Project Manager will be informed and will investigate the cause of the injury and make any necessary changes in work procedures.

#### E. Ambient Monitoring Contingencies

When ambient monitoring on the downwind edge of the site indicates higher than background levels of any contaminant, the Safety Officer and Project Manager will immediately determine the cause, make changes to work practices or procedures, and if necessary, make changes in site layout (i.e., change the location of the CP, decon area, or Exclusion Area), warn unprotected personnel to evacuate or don protective equipment, coordinate with local authorities to effect off-site evacuation.



APPENDIX G  
SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN



POTOMAC ELECTRIC POWER COMPANY

1900 PENNSYLVANIA AVENUE, N. W., WASHINGTON, D. C. 20068

(202) 872-2000

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(Red)

This is to certify that I have reviewed the "PEPCO PCB/Oil Spill Prevention Control and Countermeasure Plan for Superfund Cleanup at United Rigging Site" and I found it satisfactory. Therefore, I attest that this document has been prepared in accordance with good engineering practice as required in Code of Regulations 40 Section 112.3(d).

Washington, D. C., July 16, 1985

Richard M. Armstrong

Senior Project Engineer

Substation Construction and Maintenance

State of Maryland P.E. #9871

*Richard M. Armstrong*



PEPCO PCB/OIL SPILL PREVENTION CONTROL AND COUNTERMEASURE  
PLAN FOR SUPERFUND CLEANUP AT UNITED RIGGING SITE

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(Red)

1.0 PURPOSE

- 1.1 To provide instruction for the safe handling of PCBs/oil, including PCB contaminated equipment and materials.
- 1.2 To ensure that the decontamination of PEPCO transformers located at the United Rigging site is conducted in a manner so as to minimize/eliminate the potential discharge of oil or PCBs to the environment.
- 1.3 To ensure compliance with the Federal Toxic Substances Control Act (TSCA), Superfund, Department of Transportation (DOT) regulations; and the State of Maryland Controlled Hazardous Substances (CHS) regulation.
- 1.4 To comply with the Administrative Consent Order # III-85-19-DC of EPA, DHMH, PEPCO, and United Rigging.

2.0 SCOPE

- 2.1 This procedure is currently limited solely to the decontamination of PEPCO transformers containing PCBs/oil located at the United Rigging

site.

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### 3.0 APPLICABILITY

3.1 This procedure applies to all PEPCO personnel or PEPCO contractors associated solely with the decontamination of transformers containing PCBs/oil.

### 4.0 RESPONSIBILITY

4.1 The PEPCO site Project Coordinator is responsible for ensuring that the appropriate personnel comply with this procedure.

### 5.0 FACILITY DESCRIPTION

The United Rigging and Hauling Company owns and operates a rigging and hauling business located at 6701 Ammendale Rd., Beltsville, Maryland, Prince Georges County, Maryland. The site consists of approximately ten acres and is bounded on all sides by industrial facilities. Stormwater run-off from the site enters two storm drains and travels via ditches to a local unnamed stream, a tributary of Indian Creek. As part of its operation, United Rigging stores and recovers metal from scrap electrical transformers, some of which contain various levels of water, oil, and/or

PCB contaminated oil. The majority of these transformers are stored in Area A as described by the attached work plan.

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(Red)

## 6.0 INSTRUCTIONS

### 6.1 Emergency Equipment Required:

- (a) Solvents: kerosene, SS-25, and power cleaner
- (b) Absorbents: sand, vermiculite, and sol-speedi dri
- (c) Protective Clothing: aprons, rain suits, rubber boots, hard hats, non-porous gloves, and full-face respirator with organic fumes filter
- (d) Containment Equipment: drip pans, 55 gallon drums, oil booms, sandbags, rags, and plastic bags.

### 6.2 General Safety Precautions:

- (a) Wear appropriate protective clothing and eye wear to prevent contact with PCBs
- (b) Avoid breathing vapor or fumes from PCBs



- (c) Avoid contact with PCB liquids
- (d) In case of skin contact with PCBs, wash with warm water and soap
- (e) In case of skin or eye irritation, consult Company Medical Department or nearest Physician
- (f) Wash with warm water and soap before eating, drinking, smoking, or using toilet facilities
- (g) Report spills of any quantity to PEPCO site Project Coordinator and Environmental Affairs representative.

### 6.3 PCBs/Oil Handling and Storage:

- (a) Conduct pre-work inspection to ensure that appropriate safety and containment equipment is at site and functioning.
- (b) Ensure that all containment structures, including berms, booms, etc., have been appropriately deployed and maintained around the proposed work area in accordance with the project work plan.
- (c) Wear protective clothing prior to handling PCBs. When protective clothing becomes contaminated, it must be wiped clean with a solvent. All cleanup materials must be placed in a plastic bag and discarded in the appropriately-labelled disposal drum.

- (d) At the start and end of each workday, conduct visual inspections of PCBs/oil storage and handling areas to determine evidence of material spill/leaks. Evidence of these inspections should be logged daily using form in APPENDIX I. Ad hoc visual inspections of the work area should be conducted for evidence of any spill/leak. ORIGINAL (Red)
- (e) In the event of a spill, immediately notify the site Project Coordinator or his designee and attempt to stop the spill. The Project Coordinator will visit the site and determine the severity and extent of the spill and direct the appropriate cleanup response. All spills will be reported to OSC and the PEPCO Environmental Affairs representative. All cleanup materials must be placed in appropriately-labelled drums for temporary storage prior to disposal.
- (f) The Environmental Affairs representative is responsible for all PEPCO reporting to State and Federal agencies of spills and waste disposal.

#### 6.4 PCBs/Oil Transfer:

- (a) Prior to pumping PCBs/oil from the waste oil tank to waste oil tanker, ensure all connections are properly secured. Place drip pans along the temporary line under pipeline connections and/or

valves.

- (b) Start oil pumps and inspect the pipeline for system leaks. If no leak is observed, continue pumping. ORIGINAL (Red)
- (c) In the event of an oil leak, stop the pumps immediately and follow instruction 6.3(e).

#### 6.5 PCBs/Oil Pre-Disposal Requirements:

- (a) All PCBs/oil debris resulting from any site cleanup activity must be placed in a plastic bag and hand-loaded into drums. Make sure the outside and bottom of drums remain free of contaminated material. When drums are full, install metal top with locking ring.
- (b) All drums containing contaminated material from cleanup must be appropriately marked, dated, and labelled and stored in an area in accordance with the site work plan. Decontaminated transformers must also be labelled and stored in non-contaminated areas for disposal consistent with the site work plan.
- (c) PCB material greater than 500 ppm must be disposed of within 30 days from date of temporary storage. PCB material less than 500 ppm must be disposed of within 90 days of temporary storage.

- (d) Contaminated waste oil/water pumped into the Maryland CHS certified waste oil tanker for disposal must be sampled for PCB concentration. CAUTION: In no case, must transformer oil tested and found to have PCB concentrations greater than 499 be pumped into the waste oil tanker.
- (e) PCB contaminated oil must be transported and disposed of at Morgantown in accordance with the PCB/Oil Burning Procedure OP 118, Rev. 2.

#### 6.6 Record-keeping:

- (a) All spills occurring as a result of site cleanup activity must be documented in accordance with APPENDIX II. Copies of these reports must be forwarded to the site Project Coordinator.
- (b) Drums with PCB contaminated material must be appropriately labelled and weighed prior to disposal. Records of weight must be logged in a book supplied by site Project Coordinator.
- (c) All shipments of PCB material for disposal must be manifested in accordance with Appendix III. Copies of each manifest must be turned over to the site Project Coordinator.
- (d) The Project Coordinator shall transmit copies of all spill, storage, and disposal records to the Water and Land Use



Department at the completion of this project for the preparation of PEPCO's annual PCB/RCRA reports.

ORIGINAL  
(Red)

## 7.0 TRAINING

- 7.1 All PEPCO personnel assigned to the United Rigging site cleanup must be previously trained in the safe handling and cleanup response of PCB and oil materials in accordance with existing Company procedures.
- 7.2 All PEPCO personnel involved in the transportation of oil or PCB materials must be previously certified by the Department of Health and Mental Hygiene and the Department of Natural Resources.

## 8.0 CONCLUSIONS

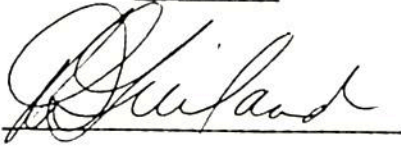

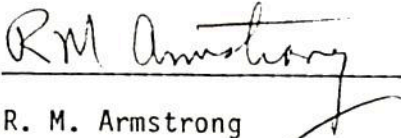

- 8.1 All cleanup and decontamination activities must be conducted in strict adherence to the site cleanup work plan.
- 8.2 Cleanup of PCBs/oil spills must be started promptly.
- 8.3 Record of oil spill events must be kept. Information on spills must be gathered and reported promptly.
- 8.4 Use good common sense in approaching and resolving problems.

Utilize all necessary facilities and equipment for prompt action.

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

ORIGINAL  
(Red)

APPROVALS

<u>Title</u>	<u>Signature</u>	<u>Date</u>
Manager, Water and Land Use	 L. S. Guiland	7/17/85
Director, Environmental Affairs	 W. A. Foy	7/17/85
Senior Project Engineer, Substation Construction and Maintenance	 R. M. Armstrong	7/16/85
EPA On-the-Scene Coordinator	 R. Caron	7/30/85

APPENDIX I

POTOMAC ELECTRIC POWER COMPANY  
SPCC INSPECTION CHECKLIST

ORIGINAL  
(Red)

Date: \_\_\_\_\_ Time: \_\_\_\_\_ a.m.  
p.m.

Facility: \_\_\_\_\_

OIL STORAGE AREAS

Yes No

Do storage tank(s), tanker, truck-associated equipment  
(valves, feed pipes, etc.) appear to be in good physical  
condition?

☐ ☐

If not, give explanation of condition(s): \_\_\_\_\_

Is there oil or petroleum products being stored in locations  
which are not referred to in the facility's contingency plan? ☐ ☐

If yes, give oil type(s), quantity(s), and location(s): \_\_\_\_\_

Is the tank(s) diked, enclosed by other impervious barrier,  
or located in an area from which drainage would not reach the  
receiving stream or municipal storm or sanitary sewers? ☐ ☐

Give the probable drainage route (from source to end point)  
of spilled oil from this location: \_\_\_\_\_

Do nearby drains, ditches, gutters, or sumps contain oil  
slicks? ☐ ☐

If yes, give location(s): \_\_\_\_\_

ORIGINAL  
(Red)

Does the overall storage area(s) appear clean and free of oil? ☐ ☐

If not, explain: \_\_\_\_\_

\_\_\_\_\_

#### TRUCK, LOADING/UNLOADING, AND FUEL TRANSFER AREAS

Is there any evidence of oil leaks from oil tanker, or from pumps or piping? ☐ ☐

Does the overall loading/unloading area appear clean and free of oil? ☐ ☐

If not, explain: \_\_\_\_\_

\_\_\_\_\_

#### EQUIPMENT CHECK

Does facility have SPCCP equipment on-site and in locations specified in their SPCCP? ☐ ☐

If not, explain: \_\_\_\_\_

\_\_\_\_\_

Name of person conducting inspection: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



APPENDIX II

POTOMAC ELECTRIC POWER COMPANY  
PCB/OIL SPILL/LEAK REPORT

ORIGINAL  
(Red)

Date: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_\_

Time: \_\_\_\_\_ a.m.  
p.m. City: \_\_\_\_\_ Facility: \_\_\_\_\_

Specific Location: \_\_\_\_\_

Amount: \_\_\_\_\_

Type Oil: \_\_\_\_\_

Was spill contained on land? \_\_\_\_\_ Explain: \_\_\_\_\_

Did oil enter waterway? \_\_\_\_\_ Explain: \_\_\_\_\_

Specify PCB concentration: \_\_\_\_\_

How did spill occur? \_\_\_\_\_

Was there a fire? \_\_\_\_\_ If yes, explain: \_\_\_\_\_

State cleanup measures applied: \_\_\_\_\_

What is anticipated cleanup time? \_\_\_\_\_

Additional information: \_\_\_\_\_

Name of person reporting spill: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# APPENDIX III



## HAZARDOUS WASTE MANIFEST

Department of Health and Mental Hygiene  
Office of Environmental Programs  
Waste Management Administration • Hazardous Waste Division  
P.O. Box 13877 • Baltimore, Maryland 21203

ORIGINAL  
(Red)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2000-0404, Expires 7-31-86

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address				A. State Manifest Document Number <b>MDC 0046901</b>	
4. Generator's Phone ( )				B. State Generator's ID	
5. Transporter 1 Company Name	6. US EPA ID Number			C. State Transporter's ID HWH [ ] [ ] [ ] [ ] DC [ ] [ ]	
7. Transporter 2 Company Name	8. US EPA ID Number			D. Transporter's Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number			E. State Transporter's ID HWH [ ] [ ] [ ] [ ] DC [ ] [ ]	
				F. Transporter's Phone	
				G. State Facility ID	
				H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
		No.	Type		
a.					
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
a. Haz. Code Physical State Specific Gravity Percentage		a. [ ] [ ] [ ] [ ] c. [ ] [ ] [ ] [ ]			
b. [ ] [ ] [ ] [ ] d. [ ] [ ] [ ] [ ]		b. [ ] [ ] [ ] [ ] d. [ ] [ ] [ ] [ ]			
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations, and Maryland statutes or regulations.					
Printed/Typed Name		Signature		Date Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year	
Printed/Typed Name		Signature		Date Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date Month Day Year	
Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Date Month Day Year	

EPA Form 8700-22 (7-84)

Each copy DETACH & RETURN THIS COPY TO DISPOSAL STATE

In case of an emergency or spill, immediately call the National Response Center at (800) 424-8802 and the Maryland OEP at (301) 383-6650 nights, and Holidays at (301) 243-6700

MDC 0046901

# OPTIONAL INFORMATION: INSTRUCTIONS

ORIGINAL  
(Red)

The Hazardous Waste Manifest is designed to track waste from point of generation to final disposal (cradle to grave). In order to accomplish this aim, it is essential that all items on the manifest be completed correctly. Incomplete or incorrect manifests could make you subject to civil and criminal liabilities as specified in the Annotated Code of Maryland.

- A. State Manifest Document Number: Preprinted number except on continuation sheets. Enter this number on each continuation sheet attached to or part of a manifest.
- B. State Generator's I.D. Number: Enter Generator's State I.D. Number if it is different from U.S. EPA I.D. Number.
- C. State Transporter's I.D. Number: Enter State Certified Hauler Number, Certified Vehicle Number, followed by Driver Certification Number.
- D. Transporter's Phone: Enter a telephone number where an authorized agent of the transporter may be reached in the event of an emergency.
- E. State Transporter's I.D. Number: If applicable, enter Certified Hauler Number, Certified Vehicle Number and Driver Certification I.D. Numbers of the second transporter who will transport this waste.
- F. Transporter's Phone: If applicable enter a telephone number where an authorized agent of the second transporter may be reached in the event of an emergency.
- G. State Facility's I.D. Number: If applicable enter the Facility's State I.D. Number.
- H. Facility's Phone: Enter the telephone number of the facility or where an authorized agent of the facility may be reached in the event of an emergency.
- I. Waste Number: Enter EPA Hazardous Waste Number, if not RCRA Hazardous, enter State Hazardous Waste Code Numbers.
- J. Additional Descriptions for Materials Listed above: Enter EPA Hazardous Codes, physical states, specific gravity if other than one, and if known, the estimated percentages.

## Codes for Physical States

S - Solid  
L - Liquid  
G - Gas  
SL - Sludge

## EPA Hazardous Codes

I - Ignitable Waste  
C - Corrosive Waste  
R - Reactive Waste  
E - EP Toxic Waste  
H - Acute Hazardous Waste  
T - Toxic Waste

- K. Handling Codes: Enter in this space one of the following handling codes for waste listed above:

Code	Handling Codes
L	Landfill
B	Incineration, heat recovery, burning
T	Chemical or physical treatment
R	Beneficial reuse or recycling
S	Storage

Boxes 1 thru 20 are to be completed using instructions contained in 40 CFR Part 260, 262 and 281 and 49 CFR Parts 171 and 172 Uniform Hazardous Waste Manifest; Joint EPA/DOT Rule Coding for boxes 12 and 14 are indicated below. Instructions for item 19 Discrepancy Indication Space are also listed below.

Table I - Types of Containers

DM = Metal drums, barrels, kegs	DT = Dump truck
DW = Wooden drums, barrels, kegs	CY = Cylinders
DF = Fireboard or plastic drums, barrels, kegs	CM = Metal boxes, cartons, cases (including roll-offs)
TP = Tanks portable	CW = Wooden boxes, cartons, cases
TT = Cargo tanks (tank trucks)	CF = Fiber or plastic boxes, cartons, cases
TC = Tank cars	BA = Burlap, cloth, paper or plastic bags

Table II - Units of Measure

G = Gallons (liquids only)	L = Liters (liquids only)
P = Pounds	K = Kilograms
T = Tons (2000 lbs.)	M = Metric tons (1000 kg)
Y = Cubic yards	N = Cubic meters

## Item 19: Instructions

The authorized representative of the designated (or alternate) facility's owner or operator must note in this space any significant discrepancy between the waste described on the Manifest and the waste actually received at the facility. Disposal methods not specified in item K above are considered discrepancies and must be reported in this space.

Upon discovering a significant discrepancy, the owner or operator shall attempt to reconcile the discrepancy with the waste generator or transporter (for example, with telephone conversations). If the discrepancy is not resolved within 15 days after receiving the waste, the owner or operator shall immediately submit to the secretary a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest at issue.

ORIGINAL  
(Red)

#### APPENDIX H

PCB TEST RESULTS - MET ELECTRICAL TESTING COMPANY, INC.



NOTED SEP 6 1985 R.M.A.



**MET ELECTRICAL TESTING COMPANY, INC.**



## REPORT

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 8/31/85  
MET REPORT NO: 11228Y-1

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



Sample received  
8/9/85

<u>SAMPLE NUMBER</u>	<u>PCB IN PPM</u>
CF4-01	9.0 ✓
CF4-02	0.6 ✓
CF4-03	3.8 ✓
CF4-04	7.0 ✓
CF4-05	66.0 ✓
CF4-06	3765 ✓
CF4-07	300,460 ✓
CF4-08	3075 ✓
CF4-09	3950 ✓
CF4-10	4.5 ✓
CF4-011	1080 ✓
CF4-012	18.0 ✓
CF4-013	0.6 ✓
CF4-014	4.5 ✓
CF4-015	9.0 ✓
US EPA Group 1 #681	29.4
US EPA Group 1 #220	12.0
US EPA Group 2 #917	3.6
US EPA Group 3 #689	6.3/9.2*

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE

UNITED RIGGING, BELTSVILLE MD

ORIGINAL  
(Red)

CONTRACTOR

PEPCO

COLLECTOR

RAY ROBINSON

1:30

8-9-85

NAME

TIME

DATE

SAMPLE ID NO(S):

CF4-01 CF4 011

CF4-02 CF4 012

CF4 03 CF4 013

CF4 04 CF4 014

CF4 05 CF4 015

CF4 06

CF4 07

CF4 08

CF4 09

CF4 010

SAMPLE POSSESSION:

FROM

Ray Robinson 1:30 8-9-85

NAME

TIME

DATE

TO

Frank Leonard 1:58 P.M. 8-9-85

NAME

TIME

DATE

FROM

Frank Leonard 2:51 P.M. 8-9-85

NAME

TIME

DATE

TO

Lo Gray 7:22 P.M. 8-9-85

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

Lo Gray

NAME

TIME

8-15-85

DATE



NOTED SEP 11 1985 R.M.A.

# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 9/9/85  
MET REPORT NO: 11228Y-2

ORIGINAL

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



John K. ...

8/13/82

### SAMPLE NUMBER

### PCB IN PPM

CF4-210	4.6 ✓
CF4-410	0.6 ✓
CF4-610	0.7 ✓
CF4-810	2.0 ✓
CF4-211	160.0 ✓
CF4-411	4.0 ✓
CF4-611	1.6 ✓
CF4-811	3.5 ✓
CF4-212	22.0 ✓
CF4-412	0.3 ✓
CF4-612	0.5 ✓
CF4-812	3.2 ✓
CF4-213	4.4 ✓
CF4-413	0.8 ✓
CF4-613	0.5 ✓
CF4-813	0.2 ✓
CF4-214	6.0 ✓
CF4-414	0.5 ✓
CF4-614	0.6 ✓
CF4-814	0.1 ✓
CF4-215	9.0 ✓
CF4-415	2.5 ✓
CF4-615	0.5 ✓
CF4-815	31.0 ✓
USEPA Group #1 #681	29.4
USEPA Group #1 #220	12.0
USEPA Group #2 #917	3.6
USEPA Group #3 #689	6.3/9.2*

ORIGINAL  
(Red)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE UNITED RIGGING, BELTSVILLE MD

CONTRACTOR PEPCO

COLLECTOR DON STONE 1:30 8-12-85  
NAME TIME DATE

### SAMPLE ID NO(s):

SAMPLE ID NO(s)	SAMPLE ID NO(s)	SAMPLE ID NO(s)	
CF4-210	CF4-612	CF4-215	
" 410	" 812	" 415	
" 610	" 213	" 615	
" 810	" 413	" 815	
" 211	" 613	"	
" 411	" 813		
" 611	" 214		
" 811	" 414		
" 212	" 614		
CF4-412	" 814		

### SAMPLE POSSESSION:

FROM	NAME	TIME	DATE	TO	NAME	TIME	DATE
	<u>Paul H. Stone</u>	<u>14:45</u>	<u>8/12/85</u>		<u>James Lewis</u>	<u>7:36 A.M.</u>	<u>8-13-85</u>
	<u>James Lewis</u>	<u>10:15</u>	<u>8-13-85</u>		<u>Leo Quay</u>	<u>10:16</u>	<u>8-13-85</u>
FROM	NAME	TIME	DATE	TO	NAME	TIME	DATE
FROM	NAME	TIME	DATE	TO	NAME	TIME	DATE

ANALYSED BY: Leo Quay 8-14-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/7/85  
MET REPORT NO: 11228Y-3

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



8-14-83

8-14-83

### SAMPLE NUMBER

### PCB IN PPM

ORIGINAL  
(Red)

CF4-21	6.0 ✓
CF4-41	1.8 ✓
CF4-61	0.5 ✓
CF4-81	2.3 ✓
CF4-22	1.6 ✓
CF4-42	0.3 ✓
CF4-62	0.8 ✓
CF4-82	1.2 ✓
CF4-23	0.9 ✓
CF4-43	0.4 ✓
CF4-63	0.5 ✓
CF4-83	2.5 ✓
CF4-24	27 ✓
CF4-44	125 ✓
CF4-64	150 ✓
CF4-84	16.5 ✓
CF4-25	4.3 ✓
CF4-45	3.3 ✓
CF4-65	1.0 ✓
CF4-85	15 ✓
CF4-26	1.4 ✓
CF4-46	1.4 ✓
CF4-66	4.0 ✓
CF4-86	16 ✓
CF4-27	5.6 ✓
CF4-47	0.6 ✓
CF4-67	2.2 ✓
CF4-87	2.7 ✓
CF4-28	6.7 ✓
CF4-48	4.6 ✓
CF4-68	213 ✓
CF4-88	370 ✓
CF4-29	564 ✓
CF4-49	105 ✓
CF4-69	223 ✓
CF4-89	530 ✓
U.S. EPA Group #1 #681	29.4
U.S. EPA Group #1 #220	12.0
U.S. EPA Group #2 #917	3.7
U.S. EPA Group #3 #689	6.0/8.9*

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR \_\_\_\_\_

COLLECTOR LARRY SHEPULSKI 11:30  
NAME TIME

8-14-85  
DATE

### SAMPLE ID NO(s):

CF4- 21	CF4- 63	CF4- 26	CF4- 68
41	83	46	88
61	24	66	29
81	44	86	49
22	64	27	69
42	84	47	89
62	25	67	
82	45	87	
23	65	28	
43	85	48	

### SAMPLE POSSESSION:

FROM <u>Larry Shepulski</u> <u>11:30 AM</u> <u>8-14-85</u> NAME TIME DATE	TO <u>Joe Howard</u> <u>5:25</u> <u>8-14-85</u> NAME TIME DATE
FROM <u>Joe Howard</u> <u>16:23</u> <u>8-14-85</u> NAME TIME DATE	TO <u>Leo Quay</u> <u>16:24</u> <u>8-14-85</u> NAME TIME DATE
FROM _____ NAME TIME DATE	TO _____ NAME TIME DATE
FROM _____ NAME TIME DATE	TO _____ NAME TIME DATE

ANALYSED BY: Leo Quay 8-17-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/7/85  
MET REPORT NO: 11228Y-4

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

### SAMPLE NUMBER

### PCB IN PPM

014	4.1 ✓
021	29 ✓
031A	595 ✓
068	14.2 ✓
247	60 ✓
255	0.7 ✓
279	0.5 ✓
301	37 ✓
318	17 ✓
414	0.7 ✓
424	2.5 ✓
467	7.8 ✓
468	13 ✓
606	58 ✓
618	10 ✓
621	45 ✓
629	1.0 ✓
637	15 ✓
656	860 ✓
670	No sample available
693	336 ✓
697	38 ✓
702	12 ✓
744	0.5 ✓
752	26 ✓
021A	27 ✓
656	1080 ✓
686 (H2O)	2 PPB ✓
692 (H2O)	2 PPB ✓
765 (H2O)	7.5 PPB ✓
U.S. EPA Group #1 #681	29.4 PPB
U.S. EPA Group #1 #220	12.0 PPB
U.S. EPA Group #2 #917	3.7 PPB
U.S. EPA Group #3 #689	6.0/8.9* PPB

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.

01 Sample 1242/1254





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR \_\_\_\_\_

COLLECTOR DON STONE

TIME

8-15-85  
DATE

SAMPLE ID NO(s):

<u>01#</u>	<u>467</u>	<u>697</u>	
<u>031A</u>	<u>468</u>	<u>702</u>	
<u>021</u>	<u>606</u>	<u>744</u>	
<u>247</u>	<u>618</u>	<u>752</u>	
<u>255</u>	<u>621</u>	<u>765</u>	
<u>279</u>	<u>629</u>	<u>686</u>	
<u>301</u>	<u>637</u>	<u>068</u>	
<u>318</u>	<u>670</u>	<u>656</u>	
<u>414</u>	<u>692</u>		
<u>424</u>	<u>693</u>		

SAMPLE POSSESSION:

FROM	<u>Donald R. Stone</u>	<u>8-15-85</u>	TO	<u>Lance Leonard</u>	<u>13:39</u>	<u>8-15-85</u>
	NAME	TIME	DATE	NAME	TIME	DATE
FROM	<u>Lance Leonard</u>	<u>14:24</u>	<u>8-15-85</u>	TO	<u>Les Gray</u>	<u>14:25</u>
	NAME	TIME	DATE	NAME	TIME	DATE
FROM	_____	_____	_____	TO	_____	_____
	NAME	TIME	DATE	NAME	TIME	DATE
FROM	_____	_____	_____	TO	_____	_____
	NAME	TIME	DATE	NAME	TIME	DATE

ANALYSED BY:

Les Gray  
NAME

TIME

8-17-85  
DATE





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR \_\_\_\_\_

COLLECTOR JEFF LEONE

TIME

9-3-85  
DATE

SAMPLE ID NO(s):

CB-B			
CB-C			
N D			
E			
F			
G			
H			
I			
J			
K			

### SAMPLE POSSESSION:

FROM	<u>V. Leone</u>	<u>11:45 AM</u>	<u>9/3</u>	TO	<u>D. Dandrea</u>	<u>12:00 PM</u>	<u>9/3</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM	<u>D. Dandrea</u>	<u>9/4</u>	<u>9/4</u>	TO	<u>Loceford</u>	<u>10:12</u>	<u>9-4-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM	<u>Loceford</u>	<u>11:30</u>	<u>9/4/85</u>	TO	<u>Leo Gray</u>	<u>11:30</u>	<u>9-4-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM				TO			
	NAME	TIME	DATE		NAME	TIME	DATE

ANALYSED BY:

Leo Gray

NAME

TIME

9-6-85  
DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR \_\_\_\_\_

COLLECTOR Tim Kohl 9-3-85  
NAME TIME DATE

#### SAMPLE ID NO(s):

PERC- A 1'-SURFACE	C 3'-surface	C 3'-4"	AREAC A 2'-12"
B 1'	AREAC A-1-4"	D-1'	B-2'
C 1'	A-2'	D-2'	C-2'
D 1'	A-3'	D-3'	D-2'
A 2'	A-4'	E-2'	E-2'
B 2'	B-1'	E-3'	A-3'
C 2'	B-2'	AREAC A-1'-12"	B-3'
D 2'	B-3'	B-1'	C-3'
A 3'-5"	C-1'	C-1'	D-3'
B 3'	C-2'	D-1'	

#### SAMPLE POSSESSION:

FROM <u>Tim Kohl</u> 1400 9/3/85	TO <u>D. Dandrea</u> 1410 9/3/85
NAME TIME DATE	NAME TIME DATE
FROM <u>D. Dandrea</u> 9/4	TO <u>Lance Ward</u> 10:12 9-4-85
NAME TIME DATE	NAME TIME DATE
FROM <u>Lance Ward</u> 11:30 9/4/85	TO <u>Leo Quay</u> 1130 9-4-85
NAME TIME DATE	NAME TIME DATE
FROM _____	TO _____
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Leo Quay 9-5-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/7/85  
MET REPORT NO: 11228Y-6

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Léon Thomas Pape  
Chemist





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



### SAMPLE NUMBER

### PCB IN PPM

9/6/03

C4-5A	356
C4-6A	116
C4-7A	225
C4-8A	10
C4-9A	10.1
C4-10A	9.6
C4-4B	1760
C4-5B	3612
C4-6B	750
C4-7B	18.6
C4-8B	5.0
C4-9B	10
C4-10B	2.0
C4-8C	2.7/5.2*
C4-9C	11
C4-7D	27
C4-8D	40
C4-9D	92.2
C4-7E	311
C4-8E	24
C4-9E	12.5/57.8**
C4-7F	300
C4-9F	44.8
C4-9G	14.2
C4-7H	5.7
C4-8H	190
Pile P1	3.3/68.9*
U.S. EPA Group #2 #917	11.2
U.S. EPA Group #3 550	22.3/15.6**
U.S. EPA Group #1 #681	10.6
HT-1 (H2O)	53 PPB
HT-2 (H2O)	121.8/46.2* PPB
HT-3 (H2O)	27.45 PPB
F3-1 (H2O)	7.5 PPB
F3-1 (H2O)	2.4 PPB

ORIGINAL  
(Red)

\* Arochlor 1242/1260  
\*\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR 6701 AMMENDALE RD.

COLLECTOR TIM KOHL 12:00 9-6-85  
NAME TIME DATE

### SAMPLE ID NO(s):

4" AREAC - 5B	4" AREAC - 9A	4" AREAC - 8D	HOLDING TANK - HT 1
6B	10A	4B	MIDDLE HT 2
7B	9E	7D	BACK HT 3
8B	8H	7E	File P-1
9B	9G	9F	
10B	9D	7H	
5A	9C	SEDIMENT BASIN	
6A	8C	F3 - 1	
7A	7F	F2 - 1	
8A	8E		

### SAMPLE POSSESSION:

FROM	NAME	TIME	DATE	TO	NAME	TIME	DATE
FROM	<u>Tim Kohl</u>	11:15	9-6-85	TO	<u>D. Sandrea</u>	11:20	9/6/85
FROM	<u>D. Sandrea</u>		9-6-85	TO	<u>Frankford</u>	14:52	9-6-85
FROM	<u>Frankford</u>	15:50	9-6-85	TO	<u>Les Gray</u>	3:50	9-6-85
FROM				TO			

ANALYSED BY: Les Gray 9-7-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/7/85  
MET REPORT NO: 11228Y-7

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



### SAMPLE NUMBER

### PCB IN PPM

C4-4C	1107
C4-4D	659
C4-4E	534
C4-4F	140
C4-4G	110
C4-4H	3.0
C4-5C	752
C4-5D	7226
C4-5E	716
C4-5F	60.8
C4-5G	10.2
C4-6C	84.4
C4-6D	346
C4-6E	12.4
C4-6F	343.6
C4-6G	10.6
C4-6H	219
B5-1A	1.5
B5-1B	4.0
B5-1C	10.6
B5-1D	9.0
B5-1E	8.4
B5-2A	6.5
B5-2B	1.4
B5-2C	3.0
B5-2D	8.1
B5-2E	14.5
B5-3A	13.7
B5-3B	4.9
B5-3C	3.4
B5-3D	1.1
B5-3E	24
B5-4A	24
B5-4B	1.8
B5-4C	5.7
B5-4E	432
B5-5A	6.0
B5-5B	5.9
B5-5C	6.9
B5-5D	2.7
U.S. EPA Group #1 #681	22.2
U.S. EPA Group #2 #917	5.1
U.S. EPA Group #3 #550	17.3
U.S. EPA Group #3 #689	15.9

ORIGINAL  
(Red)

Data, Chromatograms, Chain of Custody Information:  
See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR 6701 AMMENDALE RD.

COLLECTOR

9-9-85

NAME

TIME

DATE

SAMPLE ID NO(s):

AREA C - C6 4"

C - G5 - 4"

AREA B D1 4"

B D3 4"

E6
D6
F6
G6
H6
C5
D5
E5
F5

H4
G4
F4
E4
D4
C4
AREA B A1 4"
B1
C1

E1
A2
B2
C2
D2
E2
A3
B3
C3

-E3-
A4
B4
C4
E4
B A5 4"
B5
C5
D5

### SAMPLE POSSESSION:

FROM Larry Shapiro 9-9-85

TO D. Maucha 10:30 9/9

FROM D. Maucha 10:56 9/9

TO Joseph Wood 10:58 9/9/85

FROM Joseph Wood 9-9-85

TO Leo Quay 9-9-85

FROM

TO

ANALYSED BY: Leo Quay 9-10-85





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/7/85

MET REPORT NO: 11228Y-8

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

9/10/91



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

Date Rec'd.

9/11/82

### SAMPLE NUMBER

### PCB IN PPM

C24-A1	0.5
C24-B1	0.8
C24-C1	1.8
C24-D1	1.9
C24-A2	0.2
C24-B2	7.7
C24-C2	7.1
C24-D2	0.3
C24-E2	9.2
C24-A3	2.6
C24-B3	1.5
C24-C3	5.0
C24-D3	2.5
C24-E3	7.5
C24-A4	120
C24-B4	115
C24-B6	19.1
C24-C6	22.5
C24-D6	6.2
C24-E6	2.8
C24-A7	4.9
C24-A9	0.4
C24-A5	317
C24-A6	13.6
C24-B4	32.4
C24-B5	2752
C24-C4	144
C24-C5	1590
C24-D4	15.7
C24-D5	12.2
C24-E4	2.6
C24-E5	4.0
C24-F7	18
C24-F8	142
C4-F1	105
C4-G2	29
C4-G3	82
C12-A8	19.2
C12-F1	10.5
C12-F2	2.9
C12-F3	8.8
C12-F4	51.8
C12-F5	40



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



<u>SAMPLE</u> <u>NUMBER</u>	<u>PCB</u> <u>IN</u> <u>PPM</u>
2-10-81	
C12-G2	48
C12-G3	30
C12-G4	128
C12-G5	11.4
C12-G6	11.7
C12-H3	7.9
C12-H4	13.5
C12-H5	49
C12-H6	NDC
DW-1	4.8
U.S. EPA Group #3 #684	5.9/12.3*
U.S. EPA Group #1 #220	19.1
U.S. EPA Group #1 #681	21.8
U.S. EPA Group #1 #220	19.4
U.S. EPA Group #2 #917	11.96

ORIGINAL  
(Red)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR L.S. 9-11-85  
NAME TIME DATE

#### SAMPLE ID NO(s):

AREA C D3 24"	B1	E4	A7
A1	C2	C5	D2
B4	C-6	D5	
E3	B6	D4	
A2	B5	D1	
B2	B4	E2	
B3	E5	A4	
A3	F6	A9	
C1	F6	D6	
C3	C4	D3	

#### SAMPLE POSSESSION:

FROM <u>L.S.</u> 11:30 9-11-85	TO <u>[Signature]</u> 9-11-85
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> 9-11-85	TO <u>[Signature]</u> 11:31 9-11-85
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> 9-11-85	TO <u>[Signature]</u> 9-11-85
NAME TIME DATE	NAME TIME DATE
FROM	TO
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Les Suray 9-12-85  
NAME TIME DATE





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING  
CONTRACTOR CWM  
COLLECTOR LARRY Shepulis 9-13-85  
NAME TIME DATE

### SAMPLE ID NO(s):

	<u>C-F2-12 *</u>	<u>C-G6-12 *</u>	<u>C-D5-24</u>
	<u>C-G5-12 *</u>	<u>C-A6-1224</u>	<u>C-E4-24</u>
<u>C-F1-4 *</u>	<u>C-G3-12 *</u>	<u>C-A5-24 *</u>	<u>C-E5-24</u>
<u>C-G2-4 *</u>	<u>C-G2-12 *</u>	<u>C-F8-24 *</u>	<u>DW-1</u>
	<u>C-F3-12 *</u>	<u>C-F7-24 *</u>	
<u>C-G3-4 *</u>	<u>C-F1-12 *</u>	<u>C-B4-24</u>	
<u>C-F5-12 *</u>	<u>C-H6-12 *</u>	<u>C-B5-24</u>	
<u>C-H3-12 *</u>	<u>C-H4-12 *</u>	<u>C-C4-24</u>	
<u>C-G4-12 *</u>	<u>C-F4-12 *</u>	<u>C-C5-24</u>	
<u>C-A8-12 *</u>	<u>C-H5-12 *</u>	<u>C-D4-24</u>	

### SAMPLE POSSESSION:

FROM <u>Larry Shepulis</u> <u>9:00</u> <u>9-16-85</u>	TO <u>Robert A. Young</u> <u>9:00</u> <u>9-16-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> <u>9:00</u> <u>9-16-85</u>	TO <u>Joseph Leonard</u> <u>9:01</u> <u>9-16-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>Joseph Leonard</u> <u>10:40</u> <u>9-16-85</u>	TO <u>Lee Quay</u> <u>10:46</u> <u>9-16-85</u>
NAME TIME DATE	NAME TIME DATE
FROM _____	TO _____
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Lee Quay 9-17-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Annendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/22/85  
MET REPORT NO: 11228Y-9

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE FIELD

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

9/12/85

C24-A8	52.5
C24-F4	6.6
C24-F5	0.5
C24-F6	5.3
C24-G2	6.0
C24-G4	6.0
C24-H5	9.5
C36-A4	0.6
C36-A5	5.6
C36-B4	0.3
C36-B5	0.4
C36-B6	2.4
C36-C4	0.9
C36-C5	0.3
C36-C6	0.6
C36-D4	1.3
C36-F7	1.5
U.S. FPA Group #3 #689	12.8/15.4*
U.S. EPA Group #2 #917	3.4

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR LARRY SHEPULSKI

NAME

TIME

9-18-85  
DATE

### SAMPLE ID NO(s):

C-A4-36

C-B4-36

C-B6-36

C-C6-36

C-D4-36

C-F7-36

C-A5-36

C-B5-36

C-C4-36

C-C5-36

[REDACTED]

[REDACTED]

C-A8-24

[REDACTED]

[REDACTED]

[REDACTED]

C-F4-24

C-F5-24

C-F6-24

C-G4-24

C-G2-24

C-H5-24

### SAMPLE POSSESSION:

FROM Larry Shepulski 9-18-85 TO D. Dandrea 12:30 9/18/85

NAME

TIME

DATE

NAME

TIME

DATE

FROM D. Dandrea 1340 9/18 TO L. Dandrea 1340 9-18-85

NAME

TIME

DATE

NAME

TIME

DATE

FROM L. Dandrea 14:30 9-18-85 TO L. Dandrea 15:30 9-18-85

NAME

TIME

DATE

NAME

TIME

DATE

FROM NAME TIME DATE TO NAME TIME DATE

NAME

TIME

DATE

NAME

TIME

DATE

ANALYSED BY: L. Dandrea 9-19-85

NAME

TIME

DATE





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Annendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/22/85  
MET REPORT NO: 11228Y-10

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RECD

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

9/2/80

C12-E4	0.4
C12-E5	159
C12-E7	0.8
C12-E8	12.2
C12-E9	18.4
C12-F3	4.0
B4-F4	15.4
B2-F4	15.5
A8-F4	5.3
A6-F4	3.1
A4-F4	15.9
A2-F4	100
B6-F4	8.0
B8-F4	3.8
C2-F4	15.5
C4-F4	23.5
C6-F4	16.2
C8-F4	7.1
A4-A1	2.2
A4-A2	1.2
A4-A3	15.6
A4-A4	13.5
U.S. EPA Group #3 #686	6.2/8.2*
U.S. EPA Group #3 #550	6.3/7.9*
U.S. EPA Group #1 #220	10.6

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Larry Shepulis 2:00 9-19-85  
NAME TIME DATE

SAMPLE ID NO(s):

C-E4-12

C-E9-12

C-E7-12

C-E3-12

C-E8-12

C-E5-12

### SAMPLE POSSESSION:

FROM L. Shepulis 10:00 9-20-85 TO L. Shepulis 10:00 9-20-85  
NAME TIME DATE NAME TIME DATE

FROM L. Shepulis 9-20-85 TO L. Shepulis 09:59 9-20-85  
NAME TIME DATE NAME TIME DATE

FROM L. Shepulis 11:09 9-20-85 TO L. Shepulis 11:09 9-20-85  
NAME TIME DATE NAME TIME DATE

FROM \_\_\_\_\_ TO \_\_\_\_\_  
NAME TIME DATE NAME TIME DATE

ANALYSED BY: L. Shepulis 9-21-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Larry Shipulski

TIME

9-24-85  
DATE

### SAMPLE ID NO(s):

<u>F4-A2</u>	<u>F4-C6</u>		
<u>A4</u>	<u>C8</u>		
<u>A6</u>	<u>AREA A-A1-4</u>		
<u>A8</u>	<u>2-</u>		
<u>B2</u>	<u>3-</u>		
<u>B4</u>	<u>4-</u>		
<u>B6</u>			
<u>B8</u>			
<u>C2</u>			
<u>C4</u>			

### SAMPLE POSSESSION:

FROM <u>[Signature]</u> 13:52 9-24-85	TO <u>[Signature]</u> 13:52 9-24-85
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> 14:32 9-24-85	TO <u>Les Gray</u> 9-24-85
NAME TIME DATE	NAME TIME DATE
FROM	TO
NAME TIME DATE	NAME TIME DATE
FROM	TO
NAME TIME DATE	NAME TIME DATE

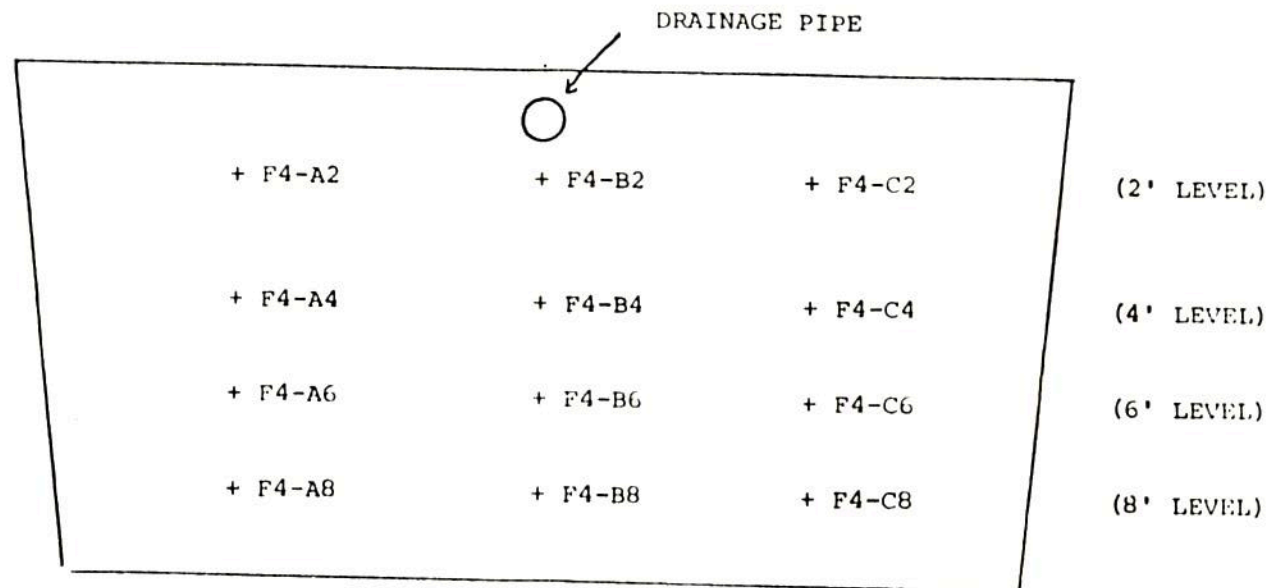
ANALYSED BY: Les Gray 9-26-85  
NAME TIME DATE



AREA F4 - SEDIMENTATION BASIN (EAST WALL)

SAMPLING AND ANALYSIS

ORIGINAL  
(Red)



SAMPLING HOLES AT EACH POINT IS TWELVE(12) INCHES DEEP



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 12/9/85  
MET REPORT NO: 11228Y-11  
(Addendum)

PROJECT: Pepco/United Rigging Clean-up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCBs) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 Deg. C.

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

#### SAMPLE NUMBER

#### PCB IN PPB

PW-1

1.5

  
Leon Thomas Pape  
Chemist



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/22/85  
MET REPORT NO: 11228Y-11

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

## DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

## RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

DATE RCVD	SAMPLE NUMBER	PCB IN PPM
	-----	-----
9/26/85	C4-A1-3	244
	C4-A4-6	198
	C4-A7-9	9.0
	C4-B1-3	154.8
	C4-B4-6	20.3
	C4-B7-9	89.7
	C4-C1-3	102.7
	C4-C4-6	21.1
	C4-C7-9	15.9
	C4-D1-3	102.1
	C4-D4-6	40.3
	C4-D7-9	38.8
	C4-E1-3	32.1
	C4-F4-6	121.3
	C4-E7-9	33.3
	C4-F1-3	50.9
	C4-F4-6	60.4
	C4-F7-9	61.6
	C4-G1-3	35.5
	C4-G4-6	31.8
	C4-G7-9	75.1
	D4-1	22.8
	D4-2	6.2
	D4-3	3.5
	D4-4	6.5
	D4-5	6.7
	D4-6	4.9
	D4-7	11.2
	D4-8	13.3
	D4-9	3.0
	D4-10	1.9
	D4-11	12.7
	D4-12	8.0
	D4-13	14.5
	D4-14	26.5





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE R'CD

SAMPLE NUMBER

PCB IN PPM

9/26/85

D4-15

12.0

D4-16

1.8

D4-17

5.8

D4-18

5.0

D4-19

4.1

D4-20

4.6

D4-21

29.1

D4-22

15

D4-23

6.3

D4-24

22.7

U.S. EPA Group #3 #550

U.S. EPA Group #2 #917

U.S. EPA Group #3 #689

U.S. EPA Group #1 #681

U.S. EPA Group #1 #220

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.

Prior. } for Analysis



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING  
CONTRACTOR CWM  
COLLECTOR LARRY SHEPULSKI 9-26-85  
NAME TIME DATE

### SAMPLE ID NO(s):

AREA "C" - E1-3 - 4"	D4-6	A7-9	
D1-3	E4-6	{ POOL WATER }	
E7-9	C7-9		{ PW-1 }
F1-3	C4-6		
C1-3	F4-6		
F7-9	G4-6		
G1-3	B4-6		
B1-3	B7-9		
A1-3	G7-9		
D7-9	A4-6		

### SAMPLE POSSESSION:

FROM <u>Larry Shepulski</u>	9-26-85	TO <u>[Signature]</u>	9-26-85
NAME	TIME	NAME	DATE
FROM <u>[Signature]</u>	9-26-85	TO <u>[Signature]</u>	9-26-85
NAME	TIME	NAME	DATE
FROM <u>[Signature]</u>	12:30 9-26-85	TO <u>[Signature]</u>	9-26-85
NAME	TIME	NAME	DATE
FROM	NAME	TO	NAME
NAME	TIME	NAME	DATE

ANALYSED BY: [Signature] 9-27-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Larry Shepulis

9-26-85  
DATE

### SAMPLE ID NO(s):

AREA ID	1	4"	11	21	
	2		12	22	
	3		13	23	
	4		14	24	
	5		15		
	6		16		
	7		17		
	8		18		
	9		19		
	10		20		

### SAMPLE POSSESSION:

FROM Larry Shepulis 9-26-85 TO John G 9-26-85  
NAME TIME DATE NAME TIME DATE

FROM John G 9-26-85 TO Joseph 1127 9-26-85  
NAME TIME DATE NAME TIME DATE

FROM Joseph 12:30 9-26-85 TO Les Gray 13:30 9-26-85  
NAME TIME DATE NAME TIME DATE

FROM \_\_\_\_\_ TO \_\_\_\_\_  
NAME TIME DATE NAME TIME DATE

ANALYSED BY: Les Gray 9-28-85  
NAME TIME DATE





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/22/85

MET REPORT NO: 11228Y-12

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

9/30, 10/1





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE R'CD

9/30/85

10/1/85

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

D4-25	7.4
D4-26	140
D4-27	297
D4-28	80
CS-A1-3	18
CS-B1-3	20.4
CS-C1-3	46.8
CS-D1-3	35.1
CS-E1-3	21.2
RF4-A5	6.3
RF4-B2	1.3
RF4-A2	17.3
RF4-A4	14
RF4-A5	5.9
RF4-B5	14.4
RF4-B4	1.6
RF4-B6	0.8
RF4-B8	0.4
C-C-7-9-S	32.9
C-D-7-9-S	25.1
C-E-7-9-S	17.4
C-F-7-9-S	15.8
C-G-7-9-S	41.7
C-F-1-3-S	35.1
C-G-1-3-S	37.4
C-A-4-6-S	29.5
C-B-4-6-S	174.8
C-C-4-6-S	59.2
C-D-4-6-S	18.9
C-E-4-6-S	37.7
C-F-4-6-S	27.0
C-G-4-6-S	18.9
C-A-7-9-S	86.2
C-B-7-9-S	12.5
F4-1	28.8
F4-2	29.3
F4-3	12.8
F4-4	21.3
F4-5	22.4
F4-6	5.4
U.S. EPA Group #3 #550	6.0/5.8*
U.S. EPA Group #3 #689	6.2/7.2*
U.S. EPA Group #1 #220	17.6
U.S. EPA Group #1 #681	14.6

\*Arochlor 1242/1254

Data Chromatograms Chain of Custody Information:



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Harry Shupski  
NAME

TIME

9-30-85  
DATE

SAMPLE ID NO(s):

AREAD 25 4"

26

27

28

### SAMPLE POSSESSION:

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

Les Zung  
NAME

TIME

10-1-85  
DATE



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE REC'D	SAMPLE NUMBER	PCB IN PPM
	-----	-----
10/2/85	A-1-S	1.8
	A-1-4	2.2
	A-2-S	1.4
	A-2-4	1.8
	A-3-S	1.8
	A-3-4	0.6
	A-4-S	1.8
	A-4-4	1.4
	A-5-S	1.9
	A-5-4	0.5
	A-6-S	13.2
	A-6-4	1.0
	A-7-S	2.8
	A-7-4	0.2
	A-8-S <i>RMA</i>	2.2
	A-8-4	0.9
	A-9-S	4.5
	A-9-4	0.2
	A-10-S	0.8
	A-10-4	0.3
	A-11-S	1.3
	A-11-4	0.4
	A-12-S	2.5
	A-12-4	0.2
	A-13-S	3.2
	A-13-4	0.3
	A-14-S	0.2
	A-14-4	2.6
	A-15-S	1.9
	A-15-4	3.6
	A-16-S	0.8
	A-16-4	0.3
	U.S. EPA Group #1 #220	18.3
	U.S. EPA Group #3 #689	6.0/7.4*
	U.S. EPA Group #2 #917	4.8

ORIGINAL  
(Red)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





**MET ELECTRICAL TESTING COMPANY, INC.**



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Larry Shepanski

NAME

TIME

DATE

S-SURFACE

10-2-85

SAMPLE ID NO(s):

<u>AREA A-1-5</u>	<u>6-5</u>	<u>11-5</u>	<u>16-5</u>
<u>1-4"</u>	<u>6-4</u>	<u>11-4</u>	<u>16-4</u>
<u>2-5</u>	<u>7-5</u>	<u>12-5</u>	
<u>2-4</u>	<u>7-4</u>	<u>12-4</u>	
<u>3-5</u>	<u>8-5</u>	<u>13-5</u>	
<u>3-4</u>	<u>8-4</u>	<u>13-4</u>	
<u>4-5</u>	<u>9-5</u>	<u>14-5</u>	
<u>4-4</u>	<u>9-4</u>	<u>14-4</u>	
<u>5-5</u>	<u>10-5</u>	<u>15-5</u>	
<u>5-4</u>	<u>10-4</u>	<u>15-4</u>	

SAMPLE POSSESSION:

FROM

NAME

TIME

10-2-85  
DATE

TO

NAME

TIME

DATE

10-2-85

FROM

NAME

TIME

10-2-85  
DATE

TO

NAME

TIME

DATE

10-2-85

FROM

NAME

TIME

11:30 10-2-85  
DATE

TO

NAME

TIME

DATE

12:30 10-2-85

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

NAME

TIME

DATE

Lo Suany

10-3-85





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/22/85  
MET REPORT NO: 11228Y-14

ORIGINAL

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE RCVD

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

10/3/85

B-A-S	16.2
B-B-S	76.2
B-C-S	26.7
B-D-S	134.1
D-14-S	4.9
D-19-S	10.7
E-1-S	6.3
E-2-S	8.3
E-3-S	18.6
E-4-S	10.6
E-5-S	13.2
E-6-S	19
E-7-S	16.4
E-8-S	16.9
E-9-S	34
E-10-S	18.5
E-11-S	20.9
E-12-S	16
E-13-S	24.5
E-14-S	10.4
E-15-S	6.1
E-16-S	9.9
E-17-S	20.5
E-18-S	12.2
E-19-S	8.3
E-20-S	18.9
E-21-S	11.4
E-22-S	6.6
E-23-S	2.3
E-24-S	5.4
E-25-S	11.5
E-26-S	4.7
E-27-S	5.9
E-28-S	0.2
E-29-S	20.2
E-30-S	0.1
E-31-S	3.1
E-32-S	8.5
E-33-S	8.2

✓



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE REV.

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

10/3/85  
10/4/85

E-34-S	4.6
D-14-S	3.7
E-35-S	12.5
E-36-S	4.2
E-37-S	9.2
E-38-S	4.7
E-39-S	5.3
E-40-S	13
E-41-S	13.6
E-42-S	8.2
E-43-S	13.5
E-44-S	10.9
E-45-S	4.9
E-46-S	6.5
E-47-S	7.8
E-48-S	8.3
E-49-S	0.7
E-50-S	0.7
E-51-S	9.9
E-52-S	11.2
E-53-S	0.7
E-54-S	8.1
E-55-S	5.1
E-56-S	8.0
E-57-S	7.0
E-58-S	4.3
E-59-S	7.2
E-60-S	2.1
E-61-S	1.7
E-62-S	6.0
E-63-S	4.4
E-64-S	2.9
E-65-S	4.7
E-66-S	4.3
E-67-S	4.1
E-68-S	0.2
E-69-S	10.7
E-70-S	5.1
E-71-S	1.1
E-72-S	5.0
E-73-S	13.9

✓



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

SAMPLE NUMBER	PCB IN PPM
U.S. EPA Group #3 #689	7.3/6.5*
U.S. EPA Group #1 #220	18.0
U.S. EPA Group #2 #917	2.2
U.S. EPA Group #1 #681	18.4
U.S. EPA Group #1 #681	18.2
U.S. EPA Group #1 #550	18.5
U.S. EPA Group #3 #689	7.0/6.8*
U.S. EPA Group #2 #917	4.0

ORIGINAL  
(Red)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING  
CONTRACTOR CWM  
COLLECTOR Larry Shepanski 10-3-85  
NAME TIME DATE

### SAMPLE ID NO(s):

<sup>Surface</sup> AREA D - 14 -	<sup>Surface</sup> 5	<sup>Surface</sup> 15	<sup>Surface</sup> 25
<sup>Surface</sup> 11 - 19	6	16	26
<sup>Surface</sup> AREA B - A	7	17	27
<sup>Surface</sup> B	8	18	28
<sup>Surface</sup> C	9	19	29
<sup>Surface</sup> D	10	20	30
<sup>Surface</sup> AREA E - 1	11	21	31
<sup>Surface</sup> 2	12	22	32
<sup>Surface</sup> 3	13	23	33
<sup>Surface</sup> 4	14	24	34

### SAMPLE POSSESSION:

FROM Larry Shepanski 10-3-85 TO Leo Guany 10-3-85  
NAME TIME DATE NAME TIME DATE  
FROM Leo Guany 10-3-85 TO Leo Guany 1006 10-3-85  
NAME TIME DATE NAME TIME DATE  
FROM Leo Guany 11:00 10-3-85 TO Leo Guany 12:00 10-3-85  
NAME TIME DATE NAME TIME DATE  
FROM \_\_\_\_\_ TO \_\_\_\_\_  
NAME TIME DATE NAME TIME DATE

ANALYSED BY: Leo Guany 10-4-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Larry Shipulski 10-4-85  
NAME TIME DATE

S - SURFACE

### SAMPLE ID NO(s):

AREA D-14-S	44	54	64
AREA E-35-S	45	55	65
36	46	56	66
37	47	57	67
38	48	58	68
39	49	59	69
40	50	60	70
41	51	61	71
42	52	62	72
43	53	63	73

### SAMPLE POSSESSION:

FROM <u>Larry Shipulski</u> <u>10-4-85</u>	TO <u>[Signature]</u> <u>10-4-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> <u>10-4-85</u>	TO <u>Proceed 1327</u> <u>10-4-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>Jorge P. [Signature]</u> <u>14:20 10-4-85</u>	TO <u>Leo Quay</u> <u>1425 10-4-85</u>
NAME TIME DATE	NAME TIME DATE
FROM _____	TO _____
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Leo Quay 10-5-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/27/85  
MET REPORT NO: 11228Y-15

ORIGINAL

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

10/7, 10/8





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

DATE F'CD

10/7/85

SAMPLE NUMBER

PCB IN PPM

E-74-S	5.5
E-75-S	125.8
E-76-S	154.8
E-77-S	7.1
E-78-S	3.2
E-79-S	2.0
E-80-S	2.6
E-81-S	6.4
E-82-S	3.8
E-83-S	3.0
E-84-S	4.5
E-85-S	6.4
E-86-S	<del>7.3</del> > 33 RMA
E-87-S	23
E-88-S	4.2
E-89-S	2.5
E-90-S	3.5
E-91-S	5.6
E-92-S	10.5
E-93-S	12.3
E-94-S	6.6
E-95-S	6.1
E-96-S	0.4
E-97-S	0.3
E-98-S	0.5
E-99-S	1.5
E-100-S	3.0
E-101-S	7.7
E-102-S	3.5
E-103-S	9.3
E-104-S	12.1
E-105-S	12.7
E-106-S	4.4
E-107-S	15.0
E-108-S	2.8
E-109-S	44.0
E-110-S	44.5
E-111-S	4.3
E-112-S	19.7
E-113-S	2.5





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RCVD

10/2/85

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

E-1-4	0.6
E-2-4	1.2
E-3-4	2.0
E-4-4	0.8
E-5-4	7.9
E-6-4	2.0
E-7-4	4.4
E-8-4	112.7
E-9-4	16.7
E-10-4	6.5
E-11-4	8.0
E-12-4	5.5
E-13-4	2.8
E-14-4	4.9
E-15-4	4.9
E-16-4	7.2
E-17-4	14.7
E-18-4	21.3
E-19-4	6.0
E-20-4	7.4
E-21-4	1.7
E-22-4	3.8
E-23-4	0.3
E-24-4	0.7
E-25-4	0.4
E-26-4	0.3
E-27-4	1.1
E-28-4	4.1
E-29-4	3.8
E-30-4	0.2
E-31-4	0.8
E-32-4	10.0
E-33-4	2.3
E-34-4	4.9
E-35-4	5.9
E-36-4	0.4
E-37-4	1.3
E-38-4	0.1
E-39-4	1.8
E-40-4	0.1

✓



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

U.S. EPA Group #2 #917	4.7
U.S. EPA Group #1 #220	35.0
U.S. EPA Group #3 #689	7.6/7.0*
U.S. EPA Group #1 #681	31.8
U.S. EPA Group #2 #917	5.7
U.S. EPA Group #3 #689	8.0/7.0*
U.S. EPA Group #1 #681	23.1
U.S. EPA Group #1 #220	23.1

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR GWM

COLLECTOR Larry Sheple

NAME

TIME

10-7-85

DATE

SAMPLE ID NO(s):

S-Surface

AREA E

(74-113) S

TOTAL 40

### SAMPLE POSSESSION:

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

NAME

TIME

DATE

ORIGINAL  
(Red)



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PERCO / UNITED RIGGING  
CONTRACTOR CWM  
COLLECTOR Harry Shipulski 10-8-85  
NAME TIME DATE

SAMPLE ID NO(S):

AREA "E"  
(1-40) 4"

Total - 40

### SAMPLE POSSESSION:

FROM <u>Harry Shipulski</u> <u>10-8-85</u>	TO <u>ALG</u> <u>10-8-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>ALG</u> <u>10-8-85</u>	TO <u>Edna Donnelly 12:58 10/8/85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>Edna Donnelly 13:30 10/8/85</u>	TO <u>Leo Gray 13:40 10/8-87</u>
NAME TIME DATE	NAME TIME DATE
FROM _____	TO _____
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Leo Gray 10/9/85  
NAME TIME DATE





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/27/85  
MET REPORT NO: 11228Y-16

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

10/9, 10/10, 10/11, 10/14, 10/15



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RKVD

SAMPLE NUMBER

PCB IN PPM

UNOFFICIAL  
(RED)

10/9/85

E-41-4	4.0
E-42-4	3.0
E-43-4	2.6
E-44-4	3.0
E-45-4	3.7
E-46-4	2.8
E-47-4	0.7
E-48-4	0.8
E-49-4	0.2
E-50-4	1.0
E-51-4	0.8
E-52-4	0.9
E-53-4	0.2
E-54-4	0.1
E-55-4	0.3
E-56-4	0.1
E-57-4	0.1
E-58-4	2.2
E-59-4	0.1
E-60-4	1.3
E-61-4	0.4
E-62-4	1.7
E-63-4	0.2
E-64-4	0.3
E-65-4	0.3
E-66-4	1.2
E-67-4	0.5
E-68-4	0.7
E-69-4	1.6
E-70-4	0.8
E-71-4	1.3
E-72-4	1.7
E-73-4	11.0
E-74-4	0.6
E-75-4	27.4
E-76-4	261.8
E-77-4	1.0
E-78-4	0.6
E-79-4	1.8
E-80-4	0.4



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

DATE REC'D

SAMPLE NUMBER

PCB IN PPM

10/10/85

E-81-4	0.8
E-82-4	0.7
E-83-4	0.2
E-84-4	0.4
E-85-4	0.7
E-86-4	1.7
E-87-4	10.0
E-88-4	7.0
E-89-4	3.1
E-90-4	4.1
E-91-4	0.9
E-92-4	2.3
E-93-4	1.9
E-94-4	3.2
E-95-4	0.9
E-96-4	1.0
E-97-4	0.3
E-98-4	0.6
E-99-4	0.5
E-100-4	0.9
E-101-4	1.4
E-102-4	0.8
E-103-4	0.3
E-104-4	0.9
E-105-4	0.4
E-106-4	0.4
E-107-4	5.3
E-108-4	3.5
E-109-4	3.2
E-110-4	0.3
E-111-4	1.8
E-112-4	1.2
E-113-4	1.3
E-114-4	3.7
E-115-4	0.7
E-116-4	0.4
E-117-4	0.6
E-118-4	3.8

V  
10/11/85

V  
10/14/85



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RCD

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

10/10/85  
↓  
10/11/85

E-119-4	0.6
E-120-4	1.0
E-121-4	0.3
E-122-4	0.2
E-123-4	0.4
E-124-4	2.3
E-125-4	0.2
E-126-4	0.2
E-127-4	0.3
E-128-4	0.5
E-129-4	0.3
E-130-4	0.1
E-131-4	0.6
E-132-4	0.3
E-133-4	0.08 RMA
E-134-4	0.5
E-135-4	2.7
E-136-4	0.1
E-137-4	0.3
E-138-4	0.1
E-139-4	<del>2.8</del> 0.3 RMA
E-140-4	0.4
E-141-4	0.2
E-142-4	1.3
E-143-4	0.7
E-144-4	0.5
E-145-4	0.2
E-146-4	0.5
E-147-4	1.4
E-148-4	0.2
E-149-4	0.6
E-150-4	1.9
E-151-4	0.2
E-152-4	7.5
E-153-4	3.5
E-154-4	0.8
E-155-4	2.5
E-156-4	1.9
E-157-4	0.9





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE R'CD

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

10/11/85  
10/14/85

E-158-4	2.9
E-114-S	10.0
E-115-S	14.5
E-116-S	6.5
E-117-S	13.3
E-151-S	4.1
E-154-S	11.8
E-157-S	20.7
E-160-S	26.8
E-165-S	6.6
E-166-S	5.2
E-167-S	4.7
E-168-S	15.4
E-169-S	12.0
E-170-S	18.5
E-171-S	17.0
E-172-S	31.7
E-173-S	28.7
E-174-S	217.3
E-175-S	8.2
E-176-S	8.6
E-177-S	2.3
E-159-4	3.6
E-160-4	3.3
E-161-4	1.1
E-162-4	3.7
E-163-4	1.0
E-164-4	1.0
E-165-4	1.3
E-166-4	0.3
E-167-4	1.0
E-168-4	1.2
E-169-4	2.4
E-170-4	3.1
E-171-4	1.2
E-172-4	6.2
E-173-4	6.2
E-174-4	9.5
E-175-4	2.7
E-176-4	2.0
E-177-4	0.7



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

DATE R'CD

SAMPLE NUMBER

PCB IN PPM

10/15/85

U.S. EPA Group #1 #681	19.4
U.S. EPA Group #2 #917	4.3
U.S. EPA Group #1 #550	20.8
U.S. EPA Group #3 #689	7.3/6.6*
U.S. EPA Group #1 #220	23.2
E-121-S	1.5
E-122-S	1.4
E-123-S	3.2
E-124-S	19.5
E-125-S	2.8
E-126-S	2.5
E-127-S	6.0
E-128-S	6.7
E-129-S	1.7
E-130-S	3.6
E-131-S	0.2
E-132-S	2.5
E-133-S	0.8
E-134-S	1.4
E-135-S	3.0
E-136-S	1.6
E-137-S	0.4
E-138-S	1.7
E-139-S	5.4
E-140-S	2.6
E-141-S	2.1
E-142-S	1.2
E-143-S	2.8
E-144-S	2.3
E-145-S	1.9
E-146-S	0.1
E-147-S	0.1
E-148-S	3.8
E-149-S	2.0
E-150-S	3.3
E-152-S	7.7
E-153-S	8.2
E-155-S	6.3
E-156-S	2.7
E-158-S	23.1



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RCVD

SAMPLE NUMBER

PCB IN PPM

10/15/85

E-159-S	7.2
E-161-S	3.3
E-162-S	6.9
E-163-S	4.7
E-164-S	79.3
U.S. EPA Group #1 #220	24.1
U.S. EPA Group #1 #681	25.4
U.S. EPA Group #1 #550	20.3
U.S. EPA Group #3 #689	7.3/6.6*
U.S. EPA Group #1 #681	19.4
U.S. EPA Group #2 #917	4.3
U.S. EPA Group #1 #550	20.8
U.S. EPA Group #3 #689	7.3/6.6*

ORIGINAL  
(Ret)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230 ORIGINAL (Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Harry Shepukki  
NAME

TIME

10-9-85  
DATE

SAMPLE ID NO(s):

AREA E 41-80

4" SAMPLES

### SAMPLE POSSESSION:

FROM Harry Shepukki 10-9-85  
NAME TIME DATE

TO RAH 10-9-85  
NAME TIME DATE

FROM RAH 9:15 10-9-85  
NAME TIME DATE

TO Barry Bonnell 10/6/85  
NAME TIME DATE

FROM Barry Bonnell 11:00 10/6/85  
NAME TIME DATE

TO Les Swan 11:10 10/09/85  
NAME TIME DATE

FROM \_\_\_\_\_  
NAME TIME DATE

TO \_\_\_\_\_  
NAME TIME DATE

ANALYSED BY: Les Swan  
NAME

TIME

10/10/85  
DATE





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Shepanski

10-10-85  
DATE

SAMPLE ID NO(s):

AREA "E"  
(81-106) 4"  
(109-120) 4"

### SAMPLE POSSESSION:

FROM	<u>[Signature]</u>	TIME	10-10-85	TO	<u>[Signature]</u>	TIME	10-10-85
	NAME		DATE		NAME		DATE
FROM	<u>[Signature]</u>	TIME	10-10-85	TO	<u>[Signature]</u>	TIME	10-10-85
	NAME		DATE		NAME		DATE
FROM	<u>[Signature]</u>	TIME	13:30 10/10/85	TO	<u>[Signature]</u>	TIME	13:40 10/10/85
	NAME		DATE		NAME		DATE
FROM		TIME		TO		TIME	
	NAME		DATE		NAME		DATE

ANALYSED BY: [Signature] 10/11/85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR GWM

COLLECTOR Roll Johns

NAME

TIME

DATE

10-11-85

SAMPLE ID NO(s):

AREA E- -4"

107,108 4"

121 → 158

### SAMPLE POSSESSION:

FROM

NAME

TIME

DATE

10-11-85

TO

NAME

TIME

DATE

10-11-85

FROM

NAME

TIME

DATE

10-11-85

TO

NAME

TIME

DATE

12:22 10-11-85

FROM

NAME

TIME

DATE

14:00

10/11/85

TO

NAME

TIME

DATE

14:10 10/11/85

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

NAME

TIME

DATE

Leo Young

10/12/85



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR A. J. Pulski

NAME

TIME

DATE

SAMPLE ID NO(s):

1 EA "E" 151 -S

154 -S

157 S

160 S

165-177 S

E 114-117 S

E-165-177 4"

159-163

164

### SAMPLE POSSESSION:

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

NAME

TIME

DATE





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING  
CONTRACTOR MCWM  
COLLECTOR Repuski 10-15-85  
NAME TIME DATE

#### SAMPLE ID NO(s):

REA "E" 121 - S	131 - S	141 - S	152 - S
122	132	142	153
123	133	143	155
124	134	144	156
125	135	145	158
126	136	146	159
127	137	147	161
128	138	148	162
129	139	149	163
130	140	150	164

#### SAMPLE POSSESSION:

FROM <u>Repuski</u> <u>10-15-85</u>	TO <u>g</u> <u>10-15-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>g</u> <u>10-15-85</u>	TO <u>g</u> <u>3:10</u> <u>10-15-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>g</u> <u>4:45</u> <u>10/15/85</u>	TO <u>Leo Zung</u> <u>5:00</u> <u>10/15/85</u>
NAME TIME DATE	NAME TIME DATE
FROM	TO
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Leo Zung 10/16/85  
NAME TIME DATE





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/27/85  
MET REPORT NO: 11228Y-17

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

10/17, 10/18



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE RCVD

10/17/85

SAMPLE NUMBER

PCB IN PPM

F2-01-S	1.8
F2-02-S	11.6
F2-03-S	2.9
F2-04-S	7.0
F2-05-S	5.6
F2-06-S	3.9
F2-07-S	5.0
F2-08-S	2.7
F2-09-S	4.9
F2-10-S	8.0
F2-11-S	0.2
F2-12-S	2.4
F2-13-S	3.3
F2-14-S	14.3
F2-15-S	1.3
F2-16-S	18.9
F2-17-S	18.3
F2-18-S	10.2
F2-19-S	11.9
F2-20-S	18.7
F2-21-S	8.0
F2-22-S	9.1
F2-23-S	38.5
F2-24-S	15.3
F2-25-S	31.5
F2-26-S	95.5
F2-27-S	14.9
F2-28-S	17.6
F2-29-S	2.1
F2-30-S	13.4
F2-31-S	14.9
F2-32-S	18.3
F2-33-S	24.9
F1-8-S	3.1
F1-9-S	4.5
F1-10-S	2.2
F1-11-S	3.4
F1-12-S	1.8
E-107-S	4.9
E-108-S	13.3

ORIGINAL  
(Red)

V



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

DATE R'CD

10/17/85

V

10/18/85

SAMPLE NUMBER

PCB IN PPM

E-118-S	10.5
E-119-S	8.8
E-120-S	4.2
D-19-S	13.7
D-26-S	1.6
D-27-S	10.0
D-28-S	1.8
F4-01-S	0.6
F4-A1-S	0.1
B-D-7-S	1.5
B-E-10-S	3.1
B-B-10-S	0.3
B-A-4-S	1.8
B-D-8-S	16.3
B-D-9-S	9.3
B-C-10-S	3.2
B-D-4-S	0.2
U.S. EPA Group #3 #550	7.0/5.0*
U.S. EPA Group #1 #220	20.1
U.S. EPA Group #1 #681	22.2
U.S. EPA Group #3 #689	6.4/7.4*
U.S. EPA Group #3 #550	7.1/7.7*

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR C.W.M.

COLLECTOR Larry Shepulis 10:30 10-17-85  
NAME TIME DATE

### SAMPLE ID NO(s):

<u>E-107 S</u>	<u>F2-6 S</u>	<u>F2-16 S</u>	<u>F2-29 S</u>
<u>E-108 S</u>	<u>F2-7 S</u>	<u>F2-17 S</u>	<u>F2-30 S</u>
<u>E-118 S</u>	<u>F2-8 S</u>	<u>F2-18 S</u>	<u>F2-31 S</u>
<u>E-119 S</u>	<u>F2-9 S</u>	<u>F2-19 S</u>	<u>F2-32 S</u>
<u>E-120 S</u>	<u>F2-10 S</u>	<u>F2-20 S</u>	<u>F2-33 S</u>
<u>F2-1 S</u>	<u>F2-11 S</u>	<u>F2-24 S</u>	<u>F1-8 S</u>
<u>F2-2 S</u>	<u>F2-12 S</u>	<u>F2-25 S</u>	<u>F1-9 S</u>
<u>F2-3 S</u>	<u>F2-13 S</u>	<u>F2-26 S</u>	<u>F1-10 S</u>
<u>F2-4 S</u>	<u>F2-14 S</u>	<u>F2-27 S</u>	<u>F1-11 S</u>
<u>F2-5 S</u>	<u>F2-15 S</u>	<u>F2-28 S</u>	<u>F1-12 S</u>

### SAMPLE POSSESSION:

FROM <u>Larry Shepulis</u> <u>10:30</u> <u>10-17-85</u>	TO <u>[Signature]</u> <u>10-17-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> <u>10-17-85</u>	TO <u>[Signature]</u> <u>10:30</u> <u>10-17-85</u>
NAME TIME DATE	NAME TIME DATE
FROM <u>[Signature]</u> <u>12:00</u> <u>10/17/85</u>	TO <u>Les Gung</u> <u>1210</u> <u>10/17/85</u>
NAME TIME DATE	NAME TIME DATE
FROM _____	TO _____
NAME TIME DATE	NAME TIME DATE

ANALYSED BY: Les Gung 10-19-85  
NAME TIME DATE

NOTE F2-21 → 23 S  
MISSING from LIST





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE Pepeco/United Rigging  
CONTRACTOR Chemical Waste Management  
COLLECTOR Larry Shepolski 10-18-85  
NAME TIME DATE

### SAMPLE ID NO(s):

D-19 (s)	B-D-8(s)		
D-26 (s)	B-D9(s)		
D-27 (s)	B-C10-S-		
D-28 (s)	B-D4-S-		
F4-O1-S	E-121-S		
F4-A1-S	E-122-S		
B-D-7(s)	E-123-S		
B-E-10(s)			
B-B-10(s)			
B-A4 (s)			

### SAMPLE POSSESSION:

FROM <u>[Signature]</u>	10-18-85	TO <u>[Signature]</u>	10-18-85
NAME	TIME	NAME	DATE
FROM <u>[Signature]</u>	10-18-85	TO <u>[Signature]</u>	10-18-85
NAME	TIME	NAME	DATE
FROM <u>[Signature]</u>	16:00 10/18/85	TO <u>[Signature]</u>	10/18/85
NAME	TIME	NAME	DATE
FROM	NAME	TO	NAME
NAME	TIME	NAME	DATE

ANALYSED BY: Leo Quay 10-19-85  
NAME TIME DATE



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/27/85  
MET REPORT NO: 11228Y-18

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

10/30, 10/31



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

<u>DATE R'CD</u>	<u>SAMPLE NUMBER</u>	<u>PCB IN PPM</u>
10/30/85	D-10-S	4.7
	D-11-S	13.7
	D-12-S	>210.2
	D-21-S	>169.7
	D-22-S	>86.9
	D-23-S	27.2
	D-24-S	29.8
	F3-10-S	>148.8
	F3-11-S	>141.9
	F3-12-S	4.7
	F3-13-S	11.6
	F3-14-S	8.0
	F3-15-S	3.7
	F3-16-S	1.3
	F3-17-S	2.3
	F3-18-S	4.2
	F3-19-S	>65.5
	F3-20-S	>49.0
	F3-21-S	3.0
	F3-22-S	19.3
	F3-23-S	>54.6
	F3-24-S	>274.8
	F3-25-S	>116.7
	F3-26-S	16.8
	F1-07-S	>88.0
	D-01-S	2.3
	C-B1	0.5
	C-A0	3.0
	C-A1	3.5
	C-F3	8.1
	E-3-S	6.5
	E-4-S	>48.1
	E-12-S	5.3
	E-29-S	6.8
	E-52-S	2.8
	E-69-S	3.2
	E-104-S	2.6
	E-105-S	6.1
	E-107-S	5.8
	E-109-S	4.5
	E-110-S	6.5
	U.S. EPA Group #1 #220	19.8
	U.S. EPA Group #3 #689	7.1/6.0*
	U.S. EPA Group #1 #681	23.6

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:  
See Attached Sheets.





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR Robert L. Johns

10-31-85

NAME

TIME

DATE

SAMPLE ID NO(s):

S-SURFACE

2PEA D-1-S

3-S

F1-7-S

4-S

E-104-S

12-S

105-S

APEAC-F3-S

107-S

A0-S

110-S

A1-S

109-S

B1-S

29-S

69-S

TOTAL 17

52-S

### SAMPLE POSSESSION:

FROM Robert L. Johns 10-31-85 TO [Signature] 10-31-85  
NAME TIME DATE NAME TIME DATE

FROM [Signature] 10-31-85 TO G. V. Donnelly 12:00 10/31/85  
NAME TIME DATE NAME TIME DATE

FROM G. V. Donnelly 14:00 10/31/85 TO Leo Quay 1410 10/31/85  
NAME TIME DATE NAME TIME DATE

FROM \_\_\_\_\_ TO \_\_\_\_\_  
NAME TIME DATE NAME TIME DATE

ANALYSED BY: Leo Quay 11-01-85  
NAME TIME DATE





# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 11/29/85  
MET REPORT NO: 11228Y-19

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

11/11, 11/12



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE RCVD

11/11/85

SAMPLE NUMBER

PCB IN PPM

ORIGINAL  
(Red)

E-5-S	12.3
E-6-S	16.1
E-7-S	17.7
E-44-S	0.7
E-112-S	43.7
E-115-S	3.8
E-117-S	8.6
E-118-S	8.7
E-168-S	6.4
E-169-S	4.1
F3-P10-6" F3-P1 (6-6")	13.8
F3-P20-6"	0.9
F3-P30-6"	0.8
F3-P40-6"	0.1
F3-P50-6"	0.6
F3-P60-6"	2.1
F3-P70-6"	0.8
F3-P80-6"	>24.8
F3-P90-6"	0.2
F3-P100-6"	>31.6
F3-P110-6"	0.1
F3-P120-6"	1.7
F3-P16-12" F3-P1 (6-12")	1.5
F3-P26-12"	0.02
F3-P36-12"	2.3
F3-P46-12"	0.05
F3-P56-12"	0.3
F3-P66-12"	0.3
F3-P76-12"	0.7
F3-P86-12"	2.3
F3-P96-12"	0.2
F3-P106-12"	0.5
F3-P116-12"	0.1
F3-P126-12"	1.4
B-D-8-S	0.2
D-126-12" D-12 (6-12")	0.1
D-216-12"	0.4
D-226-12"	0.5
D-236-12"	1.8
D-246-12"	0.1



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

DATE R'CD

11/12/85

SAMPLE NUMBER

PCB IN PPM

F1-7-S	0.05
F3-10-S	17.2
F3-11-S	0.7
F3-12-S	1.9
F3-13-S	0.3
F3-14-S	3.0
F3-15-S	0.3
F3-16-S	0.1
F3-17-S	0.1
F3-18-S	1.8
F3-19-S	0.1
F3-20-S	0.7
F3-21-S	1.0
F3-22-S	0.5
F3-23-S	0.2
F3-24-S	3.0
F3-25-S	0.1
F3-26-S	0.7
F3-27-S	0.1
F3-28-S	0.1
F3-29-S	0.4
E-25-S	5.1
E-86-S	4.4
E-87-S	11.3
E-92-S	1.9
E-93-S RMR	1.4
E-108-S	9.8
E-124-S	0.9
E-152-S	1.0
E-154-S	5.2
E-157-S	3.5
E-158-S	15.0
E-160-S	3.4
E-164-S	0.1
D-12-S	0.8
D-21-S	0.9
D-22-S	0.7
D-23-S	0.4
D-24-S	0.5
U.S. EPA Group #2 #917	1.9
U.S. EPA Group #1 #220	23.4
U.S. EPA Group #3 #689	7.2/6.1*
U.S. EPA Group #1 #681	21.1
U.S. EPA Group #2 #606	2.5
U.S. EPA Group #2 #917	2.1

ORIGINAL  
(Red)

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:  
See Attached Sheets.





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING

CONTRACTOR WM

COLLECTOR Robert Young

NAME

TIME

DATE

SAMPLE ID NO(s):

S-SURFACE P-POST

11-11-85

AREA E-5-S	AREA F3-P1-0-6"	11-0-6"	F3-9 6-12"
6	2-	12-"	10-"
7	3	F3-P1-6-12"	11-"
44	4	2	12-"
112	5	3	AREA B-D-8-S
117	6	4	AREA D-12-6-12"
118	7	5	21-
115	8	6	22-
168	9	7	23-
169	10	8	24-

AREA F1-7-5

### SAMPLE POSSESSION:

FROM	<u>Robert Young</u>	11-11-85	TO	<u>Robert Young</u>	11-11-85
	NAME	DATE		NAME	DATE
FROM	<u>Robert Young</u>	11-11-85	TO	<u>Robert Young</u>	11-11-85
	NAME	DATE		NAME	DATE
FROM	<u>Robert Young</u>	11-11-85	TO	<u>Robert Young</u>	11-11-85
	NAME	DATE		NAME	DATE
FROM	<u>Robert Young</u>	11-11-85	TO	<u>Robert Young</u>	11-11-85
	NAME	DATE		NAME	DATE
FROM	<u>Robert Young</u>	11-11-85	TO	<u>Robert Young</u>	11-11-85
	NAME	DATE		NAME	DATE

ANALYSED BY:

NAME

TIME

DATE

Leo Quay

11/12/85





MET ELECTRICAL TESTING COMPANY, INC.



# REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

## SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO/UNITED RIGGING

CONTRACTOR CWM

COLLECTOR L. Shepalski

TIME

11-12-85  
DATE

ORIGINAL  
(Red)

SAMPLE ID NO(s):

S-SURFACE

AREA "F3" - (10-29) - S	E-157 - S	AREA "D" - 12 - S
AREA "E" - 124 - S	160 "	21 - S
93	25 "	22 - S
92	108 - "	23 - S
87		24 - S
86		
158		
152		
164		
154		
		TOTAL - 38

## SAMPLE POSSESSION:

FROM <u>L. Shepalski</u>	11-12-85	TO <u>Robert Young</u>	11-12-85
NAME	TIME	NAME	DATE
FROM <u>Robert Young</u>	11-12-85	TO <u>B. J. Donnelly</u>	3:29 11/12/85
NAME	TIME	NAME	DATE
FROM <u>B. J. Donnelly</u>	4:52 11/12/85	TO <u>Leo Guay</u>	500 12/12/85
NAME	TIME	NAME	DATE
FROM	NAME	TO	NAME
NAME	TIME	NAME	DATE

ANALYSED BY:

Leo Guay

NAME

TIME

DATE

11/12/85



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 12/3/85  
MET REPORT NO: 11228Y-20

ORIGINAL  
(Red)

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



DATE R'CD

11/27/85

SAMPLE NUMBER

F3-DISCHARGE-3  
F3-DISCHARGE-4  
F3-DISCHARGE-5

PCB IN PPM

11.8  
117.2  
129.5

ORIGINAL  
(Red)

Chromatograms, Chain of Custody Information:

See Attached Sheets.





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE

Repro/White Rigging

CONTRACTOR

Chemical Waste Management

COLLECTOR

Larry Shupski

TIME

DATE

11-27-85

SAMPLE ID NO(s):

F3 Discharge 5  
F3 Discharge 4  
F3 Discharge 3

SAMPLE POSSESSION:

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

FROM

NAME

TIME

DATE

TO

NAME

TIME

DATE

ANALYSED BY:

Leo Gray

NAME

TIME

DATE

11-29-85





# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

ORIGINAL  
(Red)

ISSUED TO: Pepco  
c/o United Rigging & Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md. 20705  
ATTN: R. M. ARMSTRONG

DATE OF REPORT: 12/17/85

MET REPORT NO: 11228Y-21

PROJECT: Pepco/United Rigging Clean-Up

\*\*\*\*\*

### DESCRIPTION:

Samples were analyzed for contamination by polychlorinated biphenyls (PCB's) by Gas Chromatograph at the following conditions:

Column: 3% SP-2100  
Detector: ECD  
Column Temp: 235 deg. C

In accordance with EPA methods 600 and 608, concentrations are reported in parts per million (ppm) weight PCB to weight sample.

Analysis of U.S. EPA QA/QC samples are included in each report and number no less than ten percent (10%) of total samples. Reference value data sheets accompany the following analysis.

### RESULTS:

See the attached sheet.

  
Leon Thomas Pape  
Chemist

12/9, 12/10, 12/11, 12/12



# MET ELECTRICAL TESTING COMPANY, INC.

## REPORT



### SAMPLE NUMBER

### PCB IN PPM

ORIGINAL  
(Red)

12/9/85:

X4F	18.0
X4G	35.0
X4H	12.2
X4I	5.0

12/10/85:

X4D	3.6
X4A	3.9
X4	13.9
X4F	2.7
X4J	3.6

12/11/85:

F3-D-1	4.1
F3-D-5	1.7
F3-D-7	1.9
F3-D-10	7.7
F3-D-11	5.0
F3-D-12	1.9
F3-D-8	5.2
F3-D-9	4.5
X4-B	8.3
X4-G	10.8
X4-E	8.2
X4	4.5

12/12/85:

F3-D-1	0.5
F3-D-8	11.4
F3-D-9	0.2
F3-D-10	0.8
F3-D-11	2.2

U.S. EPA Group #3 550	7.1/7.3*
U.S. EPA Group #3 550	7.2/6.9*
U.S. EPA Group #2 606	3.1
U.S. EPA Group #2 917	2.5

\*Arochlor 1242/1254

Data, Chromatograms, Chain of Custody Information:

See Attached Sheets.



# MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE SOIL SAMPLES

CONTRACTOR PEPCO

COLLECTOR DAN DANDREA  
NAME

1330 HRS  
TIME

9 DEC 85  
DATE

### SAMPLE ID NO(S):

X 4 F

X 4 G

X 4 H

X 4 I

### SAMPLE POSSESSION:

FROM

D. Dandrea 130pm 12/9/85  
NAME TIME DATE

TO

G. Donnelly 14:18 12-09-8  
NAME TIME DATE

FROM

G. Donnelly 15:50 12-09-8  
NAME TIME DATE

TO

Leo Huey 16:00 12-9-85  
NAME TIME DATE

FROM

NAME TIME DATE

TO

NAME TIME DATE

FROM

NAME TIME DATE

TO

NAME TIME DATE

ANALYSED BY:

Leo Huey  
NAME

TIME

12-10-85  
DATE



MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

### SAMPLE CHAIN OF CUSTODY

ORIGINAL  
(Red)

SAMPLE SOURCE Soil  
CONTRACTOR United / PePco  
COLLECTOR Don Stone 1045 AM 12/10/85  
NAME TIME DATE

#### SAMPLE ID NO(s):

X4D			
X4A			
X4			
X4F			
X4J			

#### SAMPLE POSSESSION:

FROM	<u>Don Stone</u>	<u>1045 AM</u>	<u>12/10/85</u>	TO	<u>Donnelly</u>	<u>12:30</u>	<u>12-10-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM	<u>Donnelly</u>	<u>13:55</u>	<u>12-10-85</u>	TO	<u>Les Tray</u>	<u>14:00</u>	<u>12-10-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM				TO			
	NAME	TIME	DATE		NAME	TIME	DATE
FROM				TO			
	NAME	TIME	DATE		NAME	TIME	DATE

ANALYSED BY: Les Tray 12-11-85  
NAME TIME DATE





MET ELECTRICAL TESTING COMPANY, INC.



## REPORT

CHEMICAL LABORATORY DEPARTMENT  
916 W. Patapsco Avenue, Baltimore, Maryland 21230

ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE Soil  
CONTRACTOR United / Pepco  
COLLECTOR Don Stone 1030 AM 12/11/85  
NAME TIME DATE

### SAMPLE ID NO(s):

F3 D-1	X4-E		
F3 D-5	X4		
F3 D-7			
F3 D-10			
F3 D-11			
F3 D-12			
F3 D-8			
F3 D-9			
X4-B			
X4-G			

### SAMPLE POSSESSION:

FROM	<u>Don Stone</u>	<u>1030A</u>	<u>12/11/85</u>	TO	<u>G. J. Donnelly</u>	<u>13:40</u>	<u>12-11-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM	<u>G. J. Donnelly</u>	<u>14:50</u>	<u>12-11-85</u>	TO	<u>Les Zury</u>	<u>15:00</u>	<u>12-11-85</u>
	NAME	TIME	DATE		NAME	TIME	DATE
FROM				TO			
	NAME	TIME	DATE		NAME	TIME	DATE
FROM				TO			
	NAME	TIME	DATE		NAME	TIME	DATE

ANALYSED BY: Les Zury 12-11-85  
NAME TIME DATE



ORIGINAL  
(Red)

### SAMPLE CHAIN OF CUSTODY

ANALYSED BY: P. J. Long 12-13-88  
NAME TIME DATE

APPENDIX I

PCB TEST RESULTS - BIOSPHERICS, INC.



ORIGINAL  
(Red)  
NOTED SEP 20 1985 R.M.A.

Sept. 17, 1985

Mr. R.M. Armstrong  
c/o United Rigging and Hauling, Inc.  
6701 Ammendale Road  
Beltsville, MD 20705

Dear Mr. Armstrong:

Enclosed are the results of analyses performed on the soil samples received by Biospherics on September 11 and September 12, 1985.

All samples were extracted with hexane, cleaned with sulfuric acid, followed by PCB quantitation via ECD/GC. Blanks were prepared by EPA Method 608. Quality control samples and spiked samples were prepared from EPA ampules.

If you have any questions concerning the results, please do not hesitate to contact us.

Sincerely,

Mark A. Vandriak  
Project Leader

John C. Yarko  
Manager  
Analytical Services  
Laboratory Division

MAV:JCY:slb  
2780L  
Enclosures



TABLE I

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QC</u>	<u>SPIKE</u>
9/11/85	B	4"	WP 282, Conc. 2 Aroclor 1254 Transformer Oil 59.6 µg/g	WP 282, Conc. 1 Aroclor 1260 Transformer Oil 576 µg/g

ORIGINAL  
(Red)

<u>UR \$ H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (Aroclor)</u>
------------------	---------------	--

1 D	15314	<5
1 E	15315	<5
2 D	15316	5 (1260)
2 E	15317	<5
3 C	15318	<5
3 D	15319	<5
3 E	15320	11 (1260)
4 C	15321	<5
4 D	15322	16 (1260)
4 E	15323	<5
5 C	15324	<5
5 D	15325	<5
5 E	15326	7 (1260)
6 A	15327	<5
6 B	15328	<5
6 C	15329	<5
6 D	15330	6 (1260)
6 E	15331	<5
7 A	15332	<5
7 B	15333	<5
7 C	15334	<5
7 D	15335	10,500 (1260)
7 E	15336	10 (1260)
8 A	15337	<5
8 B	15338	<5
8 C	15339	<5
8 D	15340	70
8 E	15341	6
9 B	15342	<5
9 C	15343	7
9 D	15344	104
9 E	15345	<5
9 F	15346	<5
10 B	15347	12,700
10 C	15348	455
10 D	15349	<5
10 E	15350	119
10 F	15351	<5
11 B	15352	<5
11 C	15353	<5
11 D	15354	<5
11 E	15355	<5
11 F	15356	<5
----	Blank	<5

TABLE I (cont.)

ORIGINAL  
(Red)

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONC.</u> <u>µg/g (Aroclor)</u>	<u>SPIKE RESULTS</u>	
			<u>µg/g ADDED</u>	<u>% RECOVERY</u>
6 B	15328 Spike	<5	11.2 (1260)	91
8 B	15338 Spike	<5	11.1 (1260)	89
9 E	15345 Spike	<5	17.4 (1260)	83
9 F	15346 Spike	<5	10.1 (1260)	90

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (Aroclor)</u>	<u>% RECOVERY</u>
QC 293	56.3 (1254)	94
QC 294	57.3 (1254)	96
QC 295	60.3 (1254)	101
QC 296	60.8 (1254)	102

\*Results are based on wet weight and have been adjusted for QC recoveries (75%)

TABLE II

ORIGINAL  
(Red)

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QC</u>	<u>SPIKE</u>
9/12/85	C	24"	WP 282, Conc. 2 Aroclor 1254 Transformer Oil 59.6 µg/g	WP 282, Conc. 1 Aroclor 1260 Transformer Oil 576 µg/g

<u>UR \$ H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (Aroclor)</u>
------------------	---------------	--

B 7	15394	<5
B 8	15395	<5
B 9	15396	<5
C 7	15397	<5
C 8	15398	<5
C 9	15399	<5
D 7	15400	<5
D 8	15401	<5
D 9	15402	<5
E 7	15403	<5
E 8	15404	<5
E 9	15405	<5
F 9	15406	<5

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONC.</u> <u>µg/g (Aroclor)</u>	<u>SPIKE RESULTS</u> <u>µg/g ADDED</u>	<u>% RECOVERY</u>
D 7	15400	<5	10.5	91

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (Aroclor)</u>	<u>% RECOVERY</u>
QC 297	59.9	100

\*Results are based on wet weight and have been adjusted for QC recoveries (75%)

TABLE III

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QC</u>	<u>SPIKE</u>
9/12/85	C	4"	WP 282, Conc. 2 Aroclor 1254 Transformer Oil 59.6 µg/g	WP 282, Conc. 1 Aroclor 1260 Transformer Oil 576 µg/g

ORIGINAL  
(Red)

<u>UR \$ H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (Aroclor)</u>
C 7	15407	<5
F 2	15408	18
F 3	15409	47
G 2	15410	95
G 8	15411	27
H 2	15412	<5
H 3	15413	<5
H 5	15414	5
P 2	15415	<5

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONC.</u> <u>µg/g (Aroclor)</u>	<u>SPIKE RESULTS</u> <u>µg/g ADDED</u>	<u>% RECOVERY</u>
H 2	15412	<5	11.7	84

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (Aroclor)</u>	<u>% RECOVERY</u>
QC 298	60.2	101

\*Results are based on wet weight and have been adjusted for QC recoveries (75%)



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

Sample Identification Bios # ← Client I.D.	Description	Number of Containers	Remarks
AREAC C7 4 ✓ 15407	PCB CONTAMINATED SOIL	8	potentially HOT MAY NEED DILUTION
G8 ✓ 15411			
F3 ✓ 15409			
F2 ✓ 15408			
G2 ✓ 15410			
H2 ✓ 15412			
H3 ✓ 15413			
H5 ✓ 15414			
P-2 ✓ 15415	11	1	BETWEEN 50 and 100 PPM.

### Custody Record

Samples Collected by:

L. Shepalski  
Signature

Date 9-12-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 9-12-85 Time 9:30

Samples Received by:

Tera Ramcharan  
Signature

Date 9/12/85 Time 9:30

Samples Relinquished by:

Signature \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Received at Lab by:

Frances A. Dillon  
Signature

Date 9/12/85 Time 10:30 AM

Samples Relinquished by Lab:

[Signature]  
Signature

Date 12/16/85 Time 15:40

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification Bios # ↔ Client I.D.		Description	Number of Containers	Remarks
AREAC	C8 ✓ 2' 15398	PCB CONTAMINATED SOIL	12	MAY BE UNDER 50 PPM.
	B7 ✓ 15394			
	E7 ✓ 15403			
	D7 ✓ 15400			
	C7 ✓ 15397			
	B9 ✓ 15396			
	E9 ✓ 15405			
	B8 ✓ 15395			
	C9 ✓ 15399			
	E8 ✓ 15404			
	D9 ✓ 15402			
	D8 ✓ 15401			
	F9 ✓ 15406			

### Custody Record

Samples Collected by:

S. Shepuliki  
Signature

Date 9-12-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 9-12-85 Time 9:30

Samples Received by:

Vera Lamchaichen  
Signature

Date 9/12/85 Time 9:30

Samples Relinquished by:

\_\_\_\_\_  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Received at Lab by:

Francis A. Deller  
Signature

Date 9/12/85 Time 10:30 AM

Samples Relinquished by Lab:

OMark S. Ewins  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540

BIOSPHERICS  
4928 WYACONDA RD  
ROCKVILLE, MD 20852  
770-7700

# REPORT

ORIGINAL  
(Red)

## SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PERCO / UNITED RIGGING

CONTRACTOR CWM

COLLECTOR LARRY SHEPULSKI 9-11-85  
NAME TIME DATE

### SAMPLE ID NO(S):

<u>AREA (2) 4"</u>	<u>E3</u> ✓		
<u>B3</u>	<u>D1</u> ✓		
<u>A4</u>	<u>C4</u> ✓		
<u>E5</u> <i>already listed</i>	<u>E3 D4</u> ✓		
<u>C3</u> ✓	<u>D5</u> ✓		
<u>D3</u> ✓	<u>E4</u> ✓		
<u>E1</u> ✓			
<u>E2</u> ✓			
<u>D2</u> ✓			
<u>C4</u> ✓			

Received 5C and N3, not originally listed on paperwork  
SAMPLE POSSESSION:

FROM <u>R. Young</u>	TIME	DATE	TO <u>M. VANDRIAK</u>	TIME	DATE
NAME			NAME		
		<u>9-11-85</u>		<u>14:20</u>	<u>9/11/85</u>
FROM <u>M. VANDRIAK</u>	TIME	DATE	TO <u>Robert Perry</u>	TIME	DATE
NAME			NAME		
		<u>9/11/85</u>		<u>5:09</u>	<u>9/11/85</u>
FROM <u>Robert Perry</u>	TIME	DATE	TO <u>M. VANDRIAK</u>	TIME	DATE
NAME			NAME		
		<u>5:00</u>		<u>5:00</u>	<u>9/11/85</u>
FROM <u>Orin Chase</u>	TIME	DATE	TO <u>Richard M. Anthony</u>	TIME	DATE
NAME			NAME		
		<u>12-12-85</u>		<u>1540</u>	<u>12/16/85</u>

ANALYSED BY: \_\_\_\_\_  
NAME TIME DATE



# REPORT

ORIGINAL  
(Red)

## SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE PEPCO / UNITED RIGGING

CONTRACTOR CHEMICAL WASTE MANAGEMENT

COLLECTOR LARRY SHEPULSKI 9-11-85  
NAME TIME DATE

### SAMPLE ID NO(S):

<u>ABAR E-9 ✓ 4"</u>	<u>B- B-8 ✓ -4"</u>	<u>B- A-6 - 4" ✓</u>	<u>B- A-7 ✓ -4"</u>
<u>B-10 ✓</u>	<u>C-8 ✓</u>	<u>E-5 ✓</u>	<u>B-4</u>
<u>C-10 ✓</u>	<u>C-11 ✓</u>	<u>D-6 ✓</u>	<u>A-5</u>
<u>B-9 ✓</u>	<u>B-11 ✓</u>	<u>C-6 ✓</u>	<u>A-1</u>
<u>C-9 ✓</u>	<u>D-11 ✓</u>	<u>B-6 ✓</u>	<u>B-5</u>
<u>D-9 ✓</u>	<u>F-11 ✓</u>	<u>D-7 ✓</u>	<u>B-1</u>
<u>D-8 ✓</u>	<u>E-11 ✓</u>	<u>F-7 ✓</u>	<u>A-2</u>
<u>E-8 ✓</u>	<u>F-10 ✓</u>	<u>E-6 ✓</u>	<u>C-1</u>
<u>(F-9)</u>	<u>E-10 ✓</u>	<u>C-7 ✓</u>	<u>B-2</u>
<u>A-8 ✓</u>	<u>D-10 ✓</u>	<u>B-7 ✓</u>	<u>A-3</u>

### SAMPLE POSSESSION:

FROM <u>R. YOUNG</u>	TIME	DATE	TO <u>M. VANDRIAK 14:25</u>	TIME	DATE
<u>NAME</u>	<u>TIME</u>	<u>DATE</u>	<u>NAME</u>	<u>TIME</u>	<u>DATE</u>
FROM <u>M. VANDRIAK</u>	TIME	DATE	TO <u>Robert Peay 3:09</u>	TIME	DATE
<u>NAME</u>	<u>TIME</u>	<u>DATE</u>	<u>NAME</u>	<u>TIME</u>	<u>DATE</u>
FROM	TIME	DATE	TO <u>M. VANDRIAK 5:00</u>	TIME	DATE
<u>NAME</u>	<u>TIME</u>	<u>DATE</u>	<u>NAME</u>	<u>TIME</u>	<u>DATE</u>
FROM <u>Mr. &amp; Mrs. 12-12-85</u>	TIME	DATE	TO <u>Robert M. Armstrong 1540</u>	TIME	DATE
<u>NAME</u>	<u>TIME</u>	<u>DATE</u>	<u>NAME</u>	<u>TIME</u>	<u>DATE</u>

ANALYSED BY: \_\_\_\_\_  
NAME TIME DATE

all samples circled were not among the shipment of sample  
sample coordinator, Robert Peay





NOTED OCT 15 1985 R.M.A.

October 7, 1985

ORIGINAL  
(Red)

Mr. R.M. Armstrong  
c/o United Rigging and Hauling, Inc.  
6701 Ammendale Road  
Beltsville, Md 20705

Dear Mr. Armstrong:

Listed below are the results of analyses performed on the soil sample received by Biospherics on October 2, 1985, as verbally reported that same day.

<u>Sample I.D.</u>	<u>BIOS #</u>	<u>PCB concentration *</u> <u>µg/g (Aroclor)</u>
	Blank	<5
Backfill	16327	<5

\*Results are based on wet weight

The sample was diluted (extracted) with hexane, cleaned with sulfuric acid, followed by PCB quantitation via ECD / GC. The blank was prepared by EPA Method 608.

If you have any questions concerning the results, please do not hesitate to contact us.

Sincerely,

Mark A. Vandriak  
Project Leader

John C. Yarko  
Manager, Analytical Services

MAV:JCY:dw  
0291a

Corporate Headquarters • Laboratory Division • Engineering and Instrumentation Division • IPD Communications

4928 Wyaconda Road  
Rockville, Maryland 20852-2496  
(301) 770-7700  
Telex 908 740

### CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
		SOIL FOR BACKFILL (GREENBELT SITE)	1	ANALYZE FOR PCB'S

### Custody Record

**Samples Collected by:**

R M Anthony  
Signature

Date 10/1/85 Time 1300

**Samples Relinquished by:**

R M Armstrong  
Signature

Date 10/2/85 Time 1148

**Samples Received by:**

Signature

Mark A. Hendrick

Signature

Date 10/2/85 Time 1148

**Samples Relinquished by:**

Mark A. Vondra  
Signature

Date 10/2/85 Time 1:40 PM

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/2/85 Time 1:40

**Samples Relinquished by Lab:**

Myak P. Curre  
Signature

Date B-12-85 Time \_\_\_\_\_

**Samples Transferred to:**

Signature  
Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540



NOTED NOV 1 1985 R.M.A.

October 29, 1985

ORIGINAL  
(Red)

Mr. R.M. Armstrong  
c/o United Rigging and Hauling, Inc.  
6701 Ammendale Road  
Beltsville, MD 20705

Dear Mr. Armstrong:

Enclosed are the results of analyses performed on the soil samples received by Biospherics from October 7 through October 16, 1985.

All samples were extracted with hexane, cleaned with sulfuric acid, followed by PCB quantitation via ECD/GC. Blanks were prepared by EPA Method 608. Quality control samples and spiked samples were prepared from EPA ampules.

If you have any questions concerning the results, please do not hesitate to contact us.

Sincerely,

Mark A. Vandriak  
Project Leader

John C. Yarko  
Manager  
Analytical Services

MAV:JCY:csb  
Enclosure  
0337a

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE I

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/7/85	C	Surface	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
C-7-S	16541	<5
F-1-S	16542	5
F-2-S	16543	<5
B-1-S	16544	137
B-2-S	16545	<5
B-3-S	16546	10
A-7-S	16547	<5
A-6-S	16548	<5
A-5-S	16549	<5
A-4-S	16550	196
A-3-S	16551	<5
A-2-S	16552	38
F-3-S	16553	31
E-4-S	16554	7
F-4-S	16555	<5
G-4-S	16556	<5
D-3-S	16557	61
G-3-S	16558	<5
D-4-S	16559	48
E-2-S	16560	32
E-3-S	16561	<5
D-5-S	16562	7
D-2-S	16563	37
B-6-S	16564	<5
B-5-S	16565	<5
B-4-S	16566	119
B-7-S	16567	<5
C-1-S	16568	32
C-2-S	16569	40
C-3-S	16570	63
C-4-S	16571	95
C-5-S	16572	<5
C-6-S	16573	<5
_____	Blank 479	<1
_____	Blank 480	<1
_____	Blank 481	<1



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE I Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u>		<u>SPIKE RESULTS</u>	
		<u>µg/g (AROCOR 1260)</u>		<u>µg/g Added</u>	<u>% RECOVERY</u>
F-1-S	16542	19		14.8	96
E-3-S	16561	21		13.2	120
D-5-S	16567	18		14.7	82

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u>	<u>PCB CONCENTRATION</u>		<u>% RECOVERY</u>
<u>NUMBER</u>	<u>µg/g (AROCOR 1260)</u>		
QC 479	487		98
QC 480	518		104
QC 481	498		100

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE II

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/8/85	B	4"	WP 683, #3 Aroclor 1260 Transformer Oil 10.1 µg/g	WP 282, #1 Aroclor 1260 Transformer Oil 576 µg/g

<u>NR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
B-A-4"	16693	15
B-B-4"	16694	15
B-C-4"	16695	<5
B-D-4"	16696	<5
_____	Blank 482	<1

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 482	10.6	105

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE III

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/8/85	C	Surface	WP 683, #3 Aroclor 1260 Transformer Oil 10.1 µg/g	WP 282, #1 Aroclor 1260 Transformer Oil 576 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
B-8-S	16697	9
A-9-S	16698	<5
A-8-S	16699	<5
C-9-S	16700	<5
C-8-S	16701	<5
B-9-S	16702	<5
E-8-S	16703	7
D-8-S	16704	<5
D-9-S	16705	<5
G-8-S	16706	<5
F-9-S	16707	18
E-9-S	16708	<5
G-7-S	16709	21
G-2-S	16710	<5
G-5-S	16711	9
F-6-S	16712	7
G-6-S	16713	<5
D-6-S	16714	<5
D-7-S	16715	7
F-5-S	16716	<5
E-5-S	16717	18
E-6-S	16718	10
E-7-S	16719	19
_____	Blank 483	<1
_____	Blank 484	<1

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE III Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u>		<u>SPIKE RESULTS</u>	
		<u>µg/q (AROCOR 1260)</u>		<u>µg/q Added</u>	<u>% RECOVERY</u>
E-8-S	16703	18		14	85
F-6-S	16712	22		15	102
D-7-S	16715	12		6	90

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u>	<u>PCB CONCENTRATION</u>		<u>% RECOVERY</u>
<u>NUMBER</u>	<u>µg/q (AROCOR 1260)</u>		
QC 483	10.2		101
QC 484	10.1		100



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE IV

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/9/85	C	Surface	WP683, #1 Aroclor 1260 Transformer Oil 10.1 µg/g	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION* µg/q (AROCLOR 1260)</u>
A-3-S	16676	<1
A-4-S	16677	17
B-4-S	16678	32
B-3-S	16679	4
A-2-S	16680	<1
B-2-S	16681	1
C-1-S	16682	6
C-2-S	16683	19
C-3-S	16684	6
C-4-S	16685	93
D-1-S	16686	4
D-2-S	16687	3
D-3-S	16688	12
D-4-S	16689	64
E-3-S	16690	5
E-2-S	16691	2
E-1-S	16692	1
_____	Blank 486	<1
_____	Blank 487	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION µg/q (AROCLOR 1260)</u>	<u>SPIKE RESULTS µg/q Added</u>	<u>% RECOVERY</u>
C-1-S	16682	20	12	109
C-3-S	16684	20	11	122

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE IV Continued

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION μg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 485	10.4	103
QC 486	10.4	103
QC 487	10.5	104

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE V

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>SPIKE</u>
10/9/85	F 1	Surface	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCLOR )</u>
F1-1	16720	2 (1260)
F1-2	16721	87 (1242)
F1-3	16722	178 (1242)
F1-4	16723	46 (1242)
F1-5	16724	44 (1242)
F1-6	16725	34 (1242)
F1-7	16726	184 (1242)
_____	Blank 488	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCLOR 1260)</u>	<u>SPIKE RESULTS</u> <u>µg/g Added</u>	<u>% RECOVERY</u>
F1-1	16720	16	12.5	110

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE VI

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>SPIKE</u>
10/9/85	F 4	Surface	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION* µg/g (AROCOR 1260)</u>
F4-A1	16727	56
F4-A2	16728	72
F4-A3	16729	16
F4-A4	16730	18
F4-A5	16731	30
F4-A6	16732	3
F4-B1	16733	119
F4-B2	16734	66
F4-B3	16735	60
F4-B4	16736	13
F4-B5	16737	101
F4-B6	16738	218
F4-C1	16739	166
F4-C2	16740	113
F4-C3	16741	364
F4-C4	16742	108
F4-C5	16743	235
F4-C6	16744	199
F4-O-1	16745	13
F4-O-2	16746	141
RF-1	16747	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION µg/g (AROCOR 1260)</u>	<u>SPIKE RESULTS µg/g Added</u>	<u>% RECOVERY</u>
F4-A6	16732	18	12	116
F4-B4	16736	28	13	110

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)



# BIOSPHERICS INCORPORATED®

TABLE VII

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/10/85	C	Surface	WP683, #3 Aroclor 1260 Transformer Oil 10.1 µg/g	WP 683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
A-0-S	16775	33
B-0-S	16776	11
C-0-S	16777	5
D-0-S	16778	13
E-0-S	16779	92
Area A, 6-S	16780	<1
E4-S	16781	23
F9-S	16782	1
G7-S	16783	<1
E5-S	16784	<1
E7-S	16785	52
F4-A-S	16786	8
F4-B-S	16787	1
F4-C-S	16788	4
RF4-1	16789	4
A-4-S	16790	1
B-4-S	16791	2
C-4-S	16792	7
D-4-S	16793	14
C-2-S	16794	<1
—	Blank 489	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>SPIKE RESULTS</u> <u>µg/g Added</u>	<u>% RECOVERY</u>
F4-A-S	16786	21	13.2	110
C-4-S	16792	19	11.2	101

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

# BIOSPHERICS INCORPORATED®

TABLE VII Continued

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION μg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 488	9.7	96
QC 489	10.0	99
QC 490	10.3	102

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE VIII

<u>DATE RECEIVED</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/11/85	Surface	WP 683, #3 Aroclor 1260 Transformer Oil 10.1 µg/g	WP 282, #1 Aroclor 1260 Transformer Oil 576 µg/g	WP 683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F3-1-S	16878	<1
F3-2-S	16879	<1
F3-3-S	16880	<1
F3-4-S	16881	<1
F3-5-S	16882	<1
F3-6-S	16883	<1
F3-7-S	16884	<1
F3-8-S	16885	<1
F3-9-S	16886	<1
F3-10-S	16887	6
F3-11-S	16888	56
F3-12-S	16889	256
F3-13-S	16890	22
F3-14-S	16891	4
F3-15-S	16892	15
F3-16-S	16893	10
F3-17-S	16894	5
F3-18-S	16895	30
F3-19-S	16896	7
F3-20-S	16897	11
F3-21-S	16898	6
F3-22-S	16899	24
F3-23-S	16900	25
F3-24-S	16901	2
F3-25-S	16902	10
F3-26-S	16903	12
F3-27-S	16904	<1
F3-28-S	16905	<1
F3-29-S	16906	<1
F3-30-S	16907	1
F3-31-S	16908	<1
F3-32-S	16909	<1
F3-33-S	16910	<1

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE VIII Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F3-34-S	16911	1
F3-35-S	16912	<1
F3-36-S	16913	146
F3-37-S	16914	9
C-E4-S	16915	<1
C-E7-S	16916	<1
C-E0-S	16917	<1
_____	Blank 491	<1
_____	Blank 492	<1
_____	Blank 493	<1
_____	Blank 494	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>SPIKE RESULTS</u> <u>µg/g Added</u>	<u>% RECOVERY</u>
F3-10-S	16887	16	11.0	92
F3-17-S	16894	22	12.3	127
F3-19-S	16896	20	12.4	105
F3-21-S	16898	24	11.4	137

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 491	8.9	88
QC 492	527	91
QC 493	544	94
QC 494	539	94



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE IX

<u>DATE RECEIVED</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/15/85	Surface	WP683 #2 Aroclor 1260 Transformer Oil 50 µg/g	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F3-38-S	16979	7
F3-39-S	16980	112
F3-40-S	16981	31
F3-41-S	16982	17
F3-42-S	16983	<1
F3-43-S	16984	6
F3-44-S	16985	3
F3-45-S	16986	6
F3-46-S	16987	111
F3-47-S	16988	19
F3-48-S	16989	139
F3-49-S	16990	7
F3-50-S	16991	15
F3-51-S	16992	8
F3-52-S	16993	1
F3-53-S	16994	7
F3-54-S	16995	13
F3-55-S	16996	11
F3-56-S	16997	8
F3-57-S	16998	1
F3-58-S	16999	2
F3-59-S	17000	1
F4-0-1-S	17001	1
F4-0-2-S	17002	6
F4-A-1-S	17003	6
F4-A-2-S	17004	1
F4-A-3-S	17005	<1
F4-A-4-S	17006	<1
F4-A-5-S	17007	<1
F4-A-6-S	17008	<1
F4-B-1-S	17009	1
F4-B-2-S	17010	1

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE IX Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F4-B-3-S	17011	<1
F4-B-4-S	17012	<1
F4-B-5-S	17013	1
F4-B-6-S	17014	<1
F4-C-1-S	17015	1
F4-C-2-S	17016	1
F4-C-3-S	17017	<1
F4-C-4-S	17018	1
F4-C-5-C	17019	<1
F4-C-6-S	17020	1
_____	Blank 495	<1
_____	Blank 496	<1
_____	Blank 497	<1
_____	Blank 498	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>SPIKE RESULTS</u> <u>µg/g Added</u>	<u>% RECOVERY</u>
F3-38-S	16979	19	9.2	118
F3-45-S	16986	11	8.5	75
F3-49-S	16990	14	9.6	82
F3-53-S	16994	13	8.6	85

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 495	48.8	98
QC 496	47.3	95
QC 497	45.3	91
QC 498	46.1	92

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE X

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>
10/16/85	E	Surface	WP683 #2 Aroclor 1260 Transformer, Oil 50 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
E-75-S	17096	<1
E-76-S	17097	<1
E-73-S	17098	<1
Water, Area F3 Pond	77099	.65 µg/l
_____	Blank 499	<1

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 499	50.9	102%

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

CLIENT NAME: PEPCO / UNITED RIGGING

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
B-A-4" B-4" C-4" D-4"	16693	SOIL CONTAMINATED W/PCB'S	14	< 50PPM
B-8-S A-9-S A-8-S C-9-S C-8-S B-9-S E-8-S D-8-S D-9-S G-8-S	16706			

### Custody Record

Samples Collected by:

Larry Shupski  
Signature

Date 10-8-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-8-85 Time \_\_\_\_\_

Samples Received by:

Mark A. Vandusk  
Signature

Date 10/8/85 Time 10:00

Samples Relinquished by:

Mark A. Vandusk  
Signature

Date 10/9/85 Time 3:00

Samples Received at Lab by:

Fran Dillon  
Signature

Date 10/10/85 Time 10:15

Samples Relinquished by Lab:

John Caputo  
Signature

Date 12/16/85 Time 15:40

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540



# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PEPCO / UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
F-9-S	16707	SOIL CONTAMINATED W/PCB'S	13	<50ppm
E-9-S				
G-7-S				
G-2-S				
G-5-S				
F-6-S				
G-6-S				
D-6-S				
D-7-S				
F-5-S				
E-5-S	16719			
E-6-S				
E-7-S				

### Custody Record

Samples Collected by:

Larry Shepalski  
Signature

Date 10-8-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-8-85 Time \_\_\_\_\_

Samples Received by:

Markle Vandenberg  
Signature

Date 10/8/85 Time 10:00

Samples Relinquished by:

Markle Vandenberg  
Signature

Date 10/9/85 Time 9:00

Samples Received at Lab by:

Fran Dillon  
Signature

Date 10/15/85 Time 10:15

Samples Relinquished by Lab:

Omni P. Cruise  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
EA F1- F1-1 F1-2 F1-3 F1-4 F1-5 F1-6 F1-7		SOIL CONTAMINATED W/PCB'S	27 28 JD	<50ppm.
F4-A1				
A2				
A3				
A4				
A5				
A6				
F4-B1				
B2				
B3				
B4				
B5				
B6				
F4 C1		ROAD FILL RF-1		
C2				
C3				
C4				
C5				
C6				
F4 8-1				
8-2				

### Custody Record

Samples Collected by:

Larry Shepanski  
Signature

Date 10-9-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-9-85 Time \_\_\_\_\_

Samples Received by:

Mark A. Handuck  
Signature

Date 10/9/85 Time 12:20

Samples Relinquished by:

Mark A. Handuck  
Signature

Date 10/10/85 Time 9:30

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/10/85 Time 11:00

Samples Relinquished by Lab:

Mark P. Ewins  
Signature

Date 12/12/85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
A-0-S		SOIL CONTAMINATED W/PCB'S	15	<50PPM
B-0-S				
C-0-S				
D-0-S				
E-0-S				
AREA A 6-S				
EA C E4-S				
F9-S				
G7-S				
E5-S				
E7-S				
AC-F4 A-S				
B-S				
C-S				
RF4				

### Custody Record

Samples Collected by:

Robert Lipulski  
Signature

Date 10-10-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-10-85 Time \_\_\_\_\_

Samples Received by:

Mark A. Vanduse  
Signature

Date 10/10/85 Time 11:00

Samples Relinquished by:

Mark A. Vanduse  
Signature

Date 10/14/85 Time 4:30 PM

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/16/85 Time 4:35

Samples Relinquished by Lab:

John C. Felt  
Signature

Date 12/16/85 Time 15:40

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 15:40



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

1. EAC

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
A-4-S		SOIL CONTAMINATED W/PCB'S	5	< 50ppm
B-4-S				
C-4-S				
D-4-S				
C-2-S				

### Custody Record

Samples Collected by:

Larry Shipulski  
Signature

Date 10-10-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-10-85 Time \_\_\_\_\_

Samples Received by:

Mark Vandus  
Signature

Date 10/10/85 Time 11:00

Samples Relinquished by:

Mark Vandus  
Signature

Date 10/19/85 Time 4:30pm

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/19/85 Time 4:35

Samples Relinquished by Lab:

Donna B. Ewins  
Signature

Date 12/12/85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540



PC B

## BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

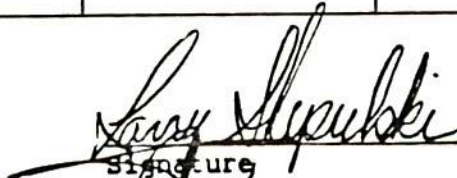
CLIENT NAME:

PERCO/UNITED RIGGINGORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
AREA E - 75-S 76 " 73 "		SOIL W/ PCB'S	4	> 50ppm
AREA F3 S-SURFACE WATER FROM BASIN		WATER FROM F3 BASIN		> 0 ppm

Custody Record

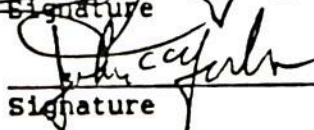
Samples Collected by:


  
Signature
Date 10-17-85 Time 17

Samples Relinquished by:


  
Signature
Date 10-18-85 Time 17

Samples Received by:


  
Signature
Date 10-17-85 Time 15:00

Samples Relinquished by:

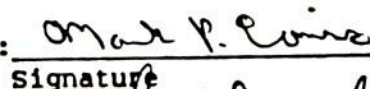
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Received at Lab by:


  
Signature
Date 10/15/85 Time 11:00 AM

Samples Relinquished by Lab:


  
Signature
Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:


  
Signature
Date 12/16/85 Time 1540

# BIOSPHERICS INCORPORATED®

4928 WYACONDA RD. 770-7706

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

ORIGINAL  
(Red)

AREA C

Sample Identification Bios # ← Client I.D.	Description	Number of Containers	Remarks
A-3-S	SOIL CONTAMINATED W/PCB'S	17	< 50 PPM.
A-4-S			
B-4-S			
B-3-S			
A-2-S			
B-2-S			
C-1-S			
C-2-S			
C-3-S			
C-4-S			
D-1-S			
D-2-S			
D-3-S			
D-4-S			
E-3-S			
E-2-S			
E-1-S			

### Custody Record

Samples Collected by:

Larry Shepanski  
Signature

Date 10-8-85 Time 6:10P

Samples Relinquished by:

[Signature]  
Signature

Date 10-8-85 Time 6:10P

Samples Received by:

Richard M. Amstutz  
Signature

Date 10-8-85 Time 6:10P

Samples Relinquished by:

Richard M. Amstutz  
Signature

Date 10-8-85 Time 6:48P

Samples Received at Lab by:

Lancy Casale  
Signature

Date 10-8-85 Time 6:48P

Samples Relinquished by Lab:

W. P. Croise  
Signature

Date 8-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Amstutz  
Signature

Date 2/16/85 Time 5:40

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

CLIENT NAME: PERCO/UNITED RIGGING

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
F3 - (38-59)-G		SOL W/PCB'S	22	
F4			20	
0-1-S				
0-2-S				
A-1-S				
-2				
3				
4				
5				
6				
B-1-S				
2				
3				
4				
5				
6				
C-1-S				
2				
3				
4				
5				
6				
TOTAL - 42				

### Custody Record

Samples Collected by:

S-SURFACE

Mike Gambucci  
Signature

Date 10-15-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-15-85 Time \_\_\_\_\_

Samples Received by:

Mark Vanduck  
Signature

Date 10/15/85 Time 1:00 P

Samples Relinquished by:

Mark Vanduck  
Signature

Date 10/16/85 Time 9:00 AM

Samples Received at Lab by:

Fran Dello  
Signature

Date 10/16/85 Time 9:00 AM

Samples Relinquished by Lab:

Omni B. Pinner  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Amador  
Signature

Date 12/16/85 Time 1540




# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

CLIENT NAME: PERCO/UNITED RIGGING

Sample Identification Bios #      Client I.D.		Description	Number of Containers	Remarks
5-Surface	F3-S H-37	SOIL w/PCB's	40	
	C-E4-S			
	C-E7-S			
	C-E0-S			

### Custody Record

Samples Collected by:

Larry Shepukki  
Signature

Date 10-11-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-11-85 Time \_\_\_\_\_

Samples Received by:

Mark Vondrak  
Signature

Date 10/11/85 Time 12:15

Samples Relinquished by:

Mark Vondrak  
Signature

Date 10/11/85 Time 15:45

Samples Received at Lab by:

\_\_\_\_\_  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Relinquished by Lab:

Mark Vondrak  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540



# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PEPCO/UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
AREA C	C-7-S	PCB CONTAMINATED SOIL	12	SHOULD BE LESS THAN 50 PPM.
	F-1-S			
	F-2-S			
S-SURFACE	B-1-S			
	B-2-S			
	B-3-S			
	A-7-S			
	A-6-S			
	A-5-S			
	A-4-S			
	A-3-S			
	A-2-S			

### Custody Record

Samples Collected by: Larry Shepsulski Date 10-7-85 Time       
Signature

Samples Relinquished by: [Signature] Date 10-7-85 Time 16:3  
Signature

Samples Received by: Mark Vanduck Date 10/7/85 Time 16:35  
Signature

Samples Relinquished by: Mark Vanduck Date 10/8/85 Time 12:00  
Signature

Samples Received at Lab by: Robert W. Perry Date 10/8/85 Time 12:00  
Signature

Samples Relinquished by Lab: Omar P. Lewis Date 12-12-85 Time       
Signature

Samples Transferred to: Richard M. Armstrong Date 12/16/85 Time 1540  
Signature

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

CLIENT NAME:

PERCO / UNITED RIGGING

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
AREA C F-3-S		PCB CONTAMINATED SOIL	11	HOPEFULLY LESS THAN 50PPM
E-4-S				
F-4-S				
G-4-S				
E SURFACE D-3-S				
G-3-S				
D-4-S				
E-2-S				
E-3-S				
D-5-S				
D-2-S				

### Custody Record

Samples Collected by:

Larry Kupulski  
Signature

Date 10-7-85 Time 16:35

Samples Relinquished by:

[Signature]  
Signature

Date 10-7-85 Time 16:35

Samples Received by:

Mark D. Vanduse  
Signature

Date 10/7/85 Time 16:35

Samples Relinquished by:

Mark D. Vanduse  
Signature

Date 10/8/85 Time 12:00

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/8/85 Time 12:00

Samples Relinquished by Lab:

Om and Y. C. C. C.  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

\_\_\_\_\_  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
B-6-S		PCB CONTAMINATED SOIL	10	< 50ppm
B-5-S				
B-4-S				
B-7-S				
C-1-S				
C-2-S				
C-3-S				
<del>C-2-S</del>				
<del>C-1-S</del>				
C-4-S				
C-5-S				
C-6-S				

### Custody Record

Samples Collected by:

Larry Shipulski  
Signature

Date 10-7-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 10-7-85 Time 16:35

Samples Received by:

Mark Vanduse  
Signature

Date 10/7/85 Time 16:35

Samples Relinquished by:

Mark Vanduse  
Signature

Date 10/8/85 Time 12:00

Samples Received at Lab by:

Robert Perry  
Signature

Date 10/8/85 Time 12:00

Samples Relinquished by Lab:

Omni P. Wise  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

\_\_\_\_\_  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_





**BIOSPHERICS INCORPORATED®**

*Technologies for Environment and Health*

NOTED NOV 11 1985 R.M.A.

November 5, 1985

ORIGINAL  
(Red)

Mr. R.M. Armstrong  
United Rigging and Hauling, Inc.  
6701 Ammendale Road  
Beltsville, MD 20705

Dear Mr. Armstrong:

Enclosed are the results of analyses performed on the soil samples received by Biospherics from October 23 through October 30, 1985.

All samples were extracted with hexane, cleaned with sulfuric acid, followed by PCB quantitation via ECD/GC. Blanks were prepared by EPA Method 608. Quality control samples and spiked samples were prepared from EPA ampules.

If you have any questions concerning the results, please do not hesitate to contact us.

Sincerely,

Mark A. Vandriak  
Project Leader

John C. Yarko  
Manager  
Analytical Services

MAV:JCY:csb  
Enclosure  
0337a



# BIOSPHERICS INCORPORATED®

TABLE I

ORIGINAL  
(Red)

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/23/85	F 3	Surface	WP683, #2 Aroclor 1260 Transformer Oil 50 µg/g	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
10	17416	16
11	17417	385
12	17418	392
13	17419	76
14	17420	308
15	17421	360
16	17422	276
17	17423	5
18	17424	100
19	17425	39
20	17426	15
21	17427	549
22	17428	306
23	74294	82
24	17430	689
25	17431	86
26	17432	95
	Blank 500	<1

# BIOSPHERICS INCORPORATED®

TABLE I Continued

ORIGINAL  
(Red)

<u>UR &amp; H #</u>	<u>BIOS #</u>	PCB CONCENTRATION	SPIKE RESULTS	
		<u>µg/g (AROCOR 1260)</u>	<u>µg/g Added</u>	<u>% RECOVERY</u>
17	17423	15.5	9.1	110
26	17426	16.2	8.5	70

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u>	PCB CONCENTRATION	
<u>NUMBER</u>	<u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 500	42.6	85
QC 501	42.9	86

# BIOSPHERICS INCORPORATED®

TABLE II

ORIGINAL  
(Red)

<u>DATE</u> <u>RECEIVED</u>	<u>AREA</u>	<u>SAMPLE</u> <u>DEPTH</u>	<u>QUALITY</u> <u>CONTROL</u>
10/25/85	F 5	Surface	WP 683, #2 Aroclor 1260 50 µg/g

<u>NR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
1	17438	2
2	17439	1
_____	Blank 504	<1

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 504	46.0	92

# BIOSPHERICS INCORPORATED®

TABLE III

ORIGINAL  
(Red)

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>
10/29/85	F 3	Surface	WP 683, #2 Aroclor 1260 Transformer Oil 50 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
Water	17544	1.19µg/l
10	17655	46
11	17656	33
12	17657	231
13	17658	62
14	17659	2
15	17660	<1
16	17661	10
17	17662	14
18	17663	32
19	17664	21
20	17665	12
21	17666	68
22	17667	37
23	17668	69
24	17669	79
25	17670	94
26	17671	66
--	Blank 505	<1
--	Blank 506	<1

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 505	45.5	91
QC 506	45.6	91



# BIOSPHERICS INCORPORATED<sup>®</sup>

TABLE IV

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>
10/29/85	F 4	Surface

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
A5	17652	<1
B6	17653	<1
C3	17654	<1

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

# BIOSPHERICS INCORPORATED®

TABLE V

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
10/29/85	E	Surface	WP683, #2 Aroclor 1260 Transformer Oil 50 µg/g	WP683, #1 Aroclor 1260 Transformer Oil 499 µg/g

ORIGINAL  
(Red)

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR )</u>
8	17672	4
9	17673	<1
10	17674	20
11	17675	15
13	17676	8
14	17677	10
17	17678	<1
18	17679	<1
35	17680	7
40	17681	1
41	17682	12
43	17683	18
20	17684	2
21	17685	10
171	17686	6
172	17687	33
173	17688	13
174	17689	<1
170	17690	3

# BIOSPHERICS INCORPORATED®

TABLE V Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/q (AROCOR 1260)</u>	<u>SPIKE RESULTS</u>	
			<u>µg/q Added</u>	<u>% RECOVERY</u>
13	17676	17.5	8.3	108
14	17677	13.8	6.9	82
35	17680	17.0	9.7	102
21	17685	17.7	8.5	96

ORIGINAL  
(Red)

\*Results are based on wet weight and have been adjusted for QC recoveries (65%)

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/q (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 507	45.8	92
QC 508	45.4	91



ORIGINAL  
(Red)

December 5, 1985

R.M. Armstrong  
PEPCO  
500 Kenilworth Ave., N.E.  
Washington, D.C. 20019

Dear Mr. Armstrong:

Enclosed are the results of analyses performed on the soil samples received by Biospherics from November 8 through November 25, 1985.

All samples were extracted with hexane, cleaned with sulfuric acid, followed by PCB quantitation via ECD/GC. Blanks were prepared by EPA Method 608. Quality control samples and spiked samples were prepared from EPA ampules.

If you have any questions concerning the results, please do not hesitate to contact us.

Sincerely,

Mark A. Vandriak  
Project Leader

John C. Yarko  
Manager  
Analytical Services  
Laboratory Division

MAV:JCY:csb  
Enclosure  
0423a



# BIOSPHERICS INCORPORATED®

TABLE I

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<i>ORIGINAL (Red)</i>
11/08/85	F 3	Surface	WP683, #2 Aroclor 1260 Transformer Oil 50 µg/g	.

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
11- <del>6</del> -12"	18073	<1
14- <del>6</del> -12" <i>rma</i>	18074	<1
19- <del>6</del> -12"	18075	<1
24- <del>6</del> -12"	18076	<1
-----	Blank 510	<1

\*Results are based on wet weight and have adjusted for QC recoveries (70%)

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 510	51.2	102

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE II

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
11/14/85	F 2	Surface	WP 683, #2 Aroclor 1260 Transformer Oil 50 µg/g	WP 683, #1 Aroclor 1260 Transformer Oil 499 µg/g

<u>NR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
50	19234	<1
51	19235	<1
52	19236	<1
53	19237	<1
54	19238	<1
55	19239	<1
56	19240	<1
57	19241	<1
58	19242	<1
59	19243	<1
60	19244	<1
61	19245	<1
--	Blank 511	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>SPIKE RESULTS</u> <u>µg/g Added</u>	<u>% RECOVERY</u>
50	19234	3.5	3.5	100

\*Results are based on wet weight

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 511	57.6	115

# BIOSPHERICS INCORPORATED®

TABLE III

<u>DATE</u> <u>RECEIVED</u>	<u>AREA</u>	<u>SAMPLE</u> <u>DEPTH</u>	<u>QUALITY</u> <u>CONTROL</u>	<u>SPIKE</u>
11/18/85	F3,E, F2	Surface	WP 683, #2 Aroclor 1260 Transformer Oil 50 µg/g	WP 683, #1 Aroclor 1260 Transformer Oil 499µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F3-10	19419	4
F3-60	19420	12
F3-61	19421	2
F3-62	19422	2
F3-63	19423	<1
F3-64	19424	<1
F3-65	19425	<1
F3-66	19426	<1
F3-67	19427	<1
F3-68	19428	1
F3-69	19429	4
F3-70	19430	3
F3-71	19431	<1
F3-72	19432	1
F3-73	19433	<1
F3-74	19434	2
F3-75	19435	10
F3-76	19436	13
F3-77	19437	8
F3-78	19438	1
F3-79	19439	2
E-4	19440	1
E-5	19441	12
E-6	19442	24
E-7	19443	24
E-10	19444	6
E-11	19445	7
E-172	19446	15
E-173	19447	19
E-41	19448	<1
E-43	19449	6
E-158	19450	<1
E-87	19451	<1
E-112	19452	<1
F2-66	19453	<1
F2-67	19454	<1
F-2	10455	44
F2-69	19456	1
F2-70	19457	<1
F2-71	19458	<1
--	Blank 515	<1

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

Table III Continued

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOLOR 1260)</u>	<u>SPIKE RESULTS</u>	
			<u>µg/g Added</u>	<u>% RECOVERY</u>
F3-77	19437	13.9	7.8	88
E-10	19444	9.9	3.7	103
E-11	19445	11.0	5.1	91
E-43	19449	11.5	6.9	90

\*Results are based on wet weight

<u>QUALITY CONTROL</u> <u>NUMBER</u>	<u>PCB CONCENTRATION</u> <u>µg/g (AROCOLOR 1260)</u>	<u>% RECOVERY</u>
QC 512	54.0	108
QC 513	64.5	129
QC 514	65.8	132
QC 515	57.4	115



# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE IV

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>	<u>SPIKE</u>
11/20/85	E, F 3, F 2	Surface	WP 683, #2 Aroclor 1260 Transformer Oil 50 µg/g	WP 683, #1 Aroclor 1260 Transformer Oil 499µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION* µg/g (AROCLOR 1260)</u>
E-5	19547	<1
E-6	19548	<1
E-7	19549	1
E-172	19550	5
E-173	19551	<1
F3-10	19552	40
F3-30	19553	1
F3-31	19554	2
F3-60	19555	48
F3-69	19556	2
F3-75	19557	7
F3-76	19558	1
F3-77	19559	2
F3-61	19560	2
F2-68	19561	3
F2-62	19562	1
F2-63	19563	1
F2-64	19564	1
F2-65	19565	1
--	Blank 517	<1

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION µg/g (AROCLOR 1260)</u>	<u>SPIKE RESULTS</u>	
			<u>µg/g Added</u>	<u>% RECOVERY</u>
E-172	19550	9.2	6.4	81
F3-75	19557	13.2	6.4	98

\*Results are based on wet weight

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (AROCLOR 1260)</u>	<u>% RECOVERY</u>
QC 516	45.2	90
QC 517	45.6	91

# BIOSPHERICS INCORPORATED®

ORIGINAL  
(Red)

TABLE V

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>
11/21/85	F3	Surface	WP683, #2 Aroclor 1260 Transformer Oil 50 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOR 1260)</u>
F3-10	19591	2
F3-60	19592	<1
F3-75	19593	<1
--	Blank 518	<1

\*Results are based on wet weight

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (AROCOR 1260)</u>	<u>% RECOVERY</u>
QC 518	40.8	82

# BIOSPHERICS INCORPORATED®

TABLE VI

<u>DATE RECEIVED</u>	<u>AREA</u>	<u>SAMPLE DEPTH</u>	<u>QUALITY CONTROL</u>
11/25/85	F 3	Surface	WP683, #2 Aroclor 1260 Transformer Oil 50 µg/g

<u>UR &amp; H #</u>	<u>BIOS #</u>	<u>PCB CONCENTRATION*</u> <u>µg/g (AROCOLOR 1260)</u>
F3-10	19665	20
F3- <del>15</del> DISCHARGE-1 S	19666	8
F3- <del>25</del> DISCHARGE-2 S	19667	10
-- <i>RMA</i>	Blank 519	<1
	19665**	17

\*Results are based on wet weight

\*\*Analysis repeated on November 27, 1985

<u>QUALITY CONTROL NUMBER</u>	<u>PCB CONCENTRATION µg/g (AROCOLOR 1260)</u>	<u>% RECOVERY</u>
QC 519	47.1	94

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: Peeco

ORIGINAL  
(Red)

Sample Identification Bios #	Client I.D.	Description	Number of Containers	Remarks
F3-10	SOILFACE	SOIL	DWC	
F3-60	"	"	"	
F3-75	"	"	"	
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; transform: rotate(45deg);"></div> </div>				

### Custody Record

Samples Collected by:

Bob Jones  
Signature

Date 11/21/85 Time 2:00PM

Samples Relinquished by:

Donald C. Lee  
Signature

Date 11/21/85 Time 2:15PM

Samples Received by:

Mark A. Vanduck  
Signature

Date 11/21/85 Time 2:15PM

Samples Relinquished by:

Mark A. Vanduck  
Signature

Date 11/21/85 Time 16:30

Samples Received at Lab by:

Charles H. Hinder  
Signature

Date 11-21-85 Time 4:30 P.m.

Samples Relinquished by Lab:

Mark P. Ervine  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540



# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO / UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
E E3-10-S	AREAF1 1585	Soil	40	AREA "E" LEAST IMPORTANT
4EAF3-60-7A5	875			
R-PA(E) 4-S	1125			
5-S	AREAF2			
6-S	66,67-71(3)			
7-S				
10-S				
11-S				
172-S				
173-S				
41-S				
43-S				

### Custody Record

S-SURFACE

Samples Collected by: Larry Shipulski Date 11-15-85 Time \_\_\_\_\_  
Signature

Samples Relinquished by: Bob H. Young Date 11-15-85 Time \_\_\_\_\_  
Signature

Samples Received by: Mark A. Vandrak Date 11/15/85 Time 16:15  
Signature

Samples Relinquished by: Mark A. Vandrak Date 11/18/85 Time 13:00  
Signature

Samples Received at Lab by: Charles H. H. H. Date 11-18-85 Time \_\_\_\_\_  
Signature

Samples Relinquished by Lab: Omara P. Levine Date 12-12-85 Time \_\_\_\_\_  
Signature

Samples Transferred to: Richard M. Armstrong Date 12/16/85 Time 1540  
Signature

# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO/UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
AREA F3-10-S F3-DISCHARGE 1-S 2-S		SOIL	3	< 10ppm

### Custody Record

Samples Collected by:

Larry Shipulski  
Signature

Date 11-25-85 Time \_\_\_\_\_

Samples Relinquished by:

Robert H. Young  
Signature

Date 11-25-85 Time \_\_\_\_\_

Samples Received by:

Mark A. Handwick  
Signature

Date 11/25/85 Time 15:00

Samples Relinquished by:

Mark A. Handwick  
Signature

Date 11/25/85 Time 16:30

Samples Received at Lab by:

Orville P. Cruise  
Signature

Date 11/25/85 Time \_\_\_\_\_

Samples Relinquished by Lab:

Orville P. Cruise  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Transferred to:

Richard M. Armstrong  
Signature

Date 12/16/85 Time 1540

# BIOSPHERICS INCORPORATED<sup>8</sup>

## CHAIN OF CUSTODY SHEET

ORIGINAL  
(Red)

CLIENT NAME: Pepero United Rigging

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
area E 170 172 173		Macadam	5	
area F <sub>3</sub> 170 171 172 173 174 175 176 177		Soil	9	
area F <sub>2</sub> 170 171 172 173 174 175		Soil	5	

### Custody Record

Samples Collected by: [Signature] Date 11-20 Time 0800

Samples Relinquished by: [Signature] Date 11-20 Time     

Samples Received by: [Signature] Date 11/20/85 Time 11:00

Samples Relinquished by: [Signature] Date 11/20/85 Time 16:00

Samples Received at Lab by: [Signature] Date 11/20/85 Time     

Samples Relinquished by Lab: [Signature] Date 12-12-85 Time     

Samples Transferred to: [Signature] Date 12/16/85 Time 1540



# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME:

PERCO/UNITED RIGGING

(new)

Sample Identification		Description	Number of Containers	Remarks
Bios #	Client I.D.			
50-61-S		SOIL	12	

### Custody Record

S-SURFACE

Samples Collected by:

Signature

Date 11-14-85 Time \_\_\_\_\_

Samples Relinquished by:

Signature

Date 11-14-85 Time \_\_\_\_\_

Samples Received by:

Signature

Date 11/14/85 Time 14:00

Samples Relinquished by:

Signature

Date 11/14/85 Time 16:30

Samples Received at Lab by:

Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Relinquished by Lab:

Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Signature

Date 12/16/85 Time 15:40



# BIOSPHERICS INCORPORATED®

## CHAIN OF CUSTODY SHEET

CLIENT NAME: PERCO / UNITED RIGGING

ORIGINAL  
(Red)

Sample Identification Bios #      Client I.D.		Description	Number of Containers	Remarks
<div style="position: relative; height: 150px;"> <div style="position: absolute; left: -50px; top: 0; font-size: 2em;">AREA "F3"</div> <div style="position: absolute; left: 0; top: 0; border-right: 1px dashed black; padding-right: 10px;"> <div style="position: absolute; top: 0; left: 0;">-11 - 6" - 12"</div> <div style="position: absolute; top: 20px; left: 0;">-14 -    "</div> <div style="position: absolute; top: 40px; left: 0;">-19 -    "</div> <div style="position: absolute; top: 60px; left: 0;">-24    "</div> </div> </div>		SOIL	4	
TOTAL			4	

### Custody Record

Samples Collected by:

Kenny Shepanski  
Signature

Date 11-8-85 Time \_\_\_\_\_

Samples Relinquished by:

[Signature]  
Signature

Date 11-8-85 Time \_\_\_\_\_

Samples Received by:

Mark D. Vanduse  
Signature

Date 11/8/85 Time 14:50

Samples Relinquished by:

Mark D. Vanduse  
Signature

Date 11/8/85 Time 16:00

Samples Received at Lab by:

Charles Hunter  
Signature

Date \_\_\_\_\_ Time \_\_\_\_\_

Samples Relinquished by Lab:

Mark S. Cruise  
Signature

Date 12-12-85 Time \_\_\_\_\_

Samples Transferred to:

Richard M. Amstutz  
Signature

Date 12/16/85 Time 1540

ORIGINAL  
(Red)

## APPENDIX J

PCB TEST RESULTS - MARYLAND STATE DEPARTMENT OF  
HEALTH AND MENTAL HYGIENCE

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

**SECURITY**  
Laboratory Administration  
Tower and Bidale Streets  
P.O. Box 2555, Baltimore, Maryland 21203

ORIGINAL  
(Red)

Program:

RCRA ☒

NPDES ☒

SPECIFY \_\_\_\_\_

Hazardous Waste Laboratory

Multi Sample Submission Form

850932

Lab. No.

Collector FRED WOOTTON <sup>14:00</sup> 10-23-85 Name/time/date Sample Source United Paving  
Baltimore

Sample ID No. see below Preservative Used None

Sample Alert PCB in Surface Soil

Chain of Custody sample possession

From Fredrick Wootton <sup>10:24 AM</sup> 10-24-85 to James Billiger <sup>12:10 PM</sup> 10-24-85  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

☒ ORGANIC ☐ INORGANIC ☐ METAL

1 E3-10

11 \_\_\_\_\_

2 E3-18

12 \_\_\_\_\_

3 E3-30

13 \_\_\_\_\_

4 \_\_\_\_\_

14 \_\_\_\_\_

5 \_\_\_\_\_

15 \_\_\_\_\_

6 \_\_\_\_\_

16 \_\_\_\_\_

7 \_\_\_\_\_

17 \_\_\_\_\_

8 \_\_\_\_\_

18 \_\_\_\_\_

9 \_\_\_\_\_

19 \_\_\_\_\_

**RECEIVED**

OCT 28 1985

ENFORCEMENT FILE  
FILE COPY ONLY



Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2305, Baltimore, Maryland 21203

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA ☒

NPDES ☒

OTHER:

Lab No.

Collector FRED WOOTTON 14:00  
Name/Time/Date 10-23-85

Sample Source United Paving  
Beltsville

Sample ID No. F3-10

Preservative Used None

Sample Alert PCB in Surface Soil

Chain of Custody Sample Possession:

From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date

Circle and Specify Parameters Requested:

- |                                     |                          |
|-------------------------------------|--------------------------|
| 1. EP Toxicity                      | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:     |

**RECEIVED**

OCT 25 1985

ENVIRONMENTAL FILE

GC/MS Analysis indicates the presence of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence of the following PCB's/Pesticides:

20.7 ppm PCB 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW  
10/25/85

Authorized By: \_\_\_\_\_



**SECURITY**

PROGRAM:

RCRA

NPDES

OTHER:

Lab No.

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector FRED WOOTTON <sup>14:00</sup>  
Name/Time/Date 10-23-85

Sample Source United Recycling Beltville

Sample ID No. E3-18

Preservative Used none

Sample Alert PCB in Surface Soil

Chain of Custody Sample Possession:

From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date

Circle and Specify Parameters Requested:

- |                                     |                          |
|-------------------------------------|--------------------------|
| 1. <u>EP Toxicity</u>               | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:     |

**RECEIVED**

OCT 28 1985

ENFORCEMENT FILE  
FILE COPY ONLY

GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

75.1 ppm PCB 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: DW  
10/25/85

Authorized By: \_\_\_\_\_

Laboratories Administration  
Howard and Middle Streets  
P.O. Box 2055 Baltimore, Maryland 21203

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA \_\_\_\_\_ NPDES \_\_\_\_\_

OTHER: \_\_\_\_\_

Lab No. \_\_\_\_\_

Collector FRED WOOTTON 14100 Sample Source United Rigging Belts  
Name/Time/Date 10-23-85

Sample ID No. E 3-30 Preservative Used None

Sample Alert PCB in Surface Soil

Chain of Custody Sample Possession:

From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date

ORIGINAL  
(Red)

Circle and Specify Parameters Requested:

- |                                     |                          |
|-------------------------------------|--------------------------|
| 1. EP Toxicity                      | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:     |

**RECEIVED**

OCT 28 1985

ENFORCEMENT FILE  
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GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

1396 ppm PCB AS 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/25/85



Program:

RCRA ☒

NPDES ☒

SPECIFY \_\_\_\_\_

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

**SECURITY**

Laboratory Administration  
Howard and Light Streets  
Baltimore, Maryland 21203

21203

ORIGINAL  
(Red)

850936

Lab. No.

Hazardous Waste Laboratory  
Multi Sample Submission Form

Collector FRED WOOTTON 10-25-85  
Name/time/date

Priority (A)  
Sample Source United Riggery-Beltsville

Sample ID No. see below

Preservative Used NONE

Sample Alert Surface materials for PCB

Chain of Custody sample possession 13:40

From Fredrick Wootton 10-25-85  
Name/time/date

Jane Orlikoff 1340/10-25-85  
Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 F5-1

11 \_\_\_\_\_

2 F5-2

12 \_\_\_\_\_

3 F4 C3

13 \_\_\_\_\_

4 E-52

14 \_\_\_\_\_

5 E-69

15 \_\_\_\_\_

6 \_\_\_\_\_

16 \_\_\_\_\_

7 \_\_\_\_\_

17 \_\_\_\_\_

8 \_\_\_\_\_

18 \_\_\_\_\_

9 \_\_\_\_\_

19 \_\_\_\_\_

10 \_\_\_\_\_

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## Laboratories Administration

Howard and Biddle Streets  
P.O. Box 2355, Baltimore, Maryland 21203

PROGRAM:

RCRA ☒ NPDES ☒

OTHER:

Lab No.

**SECURITY**HAZARDOUS WASTE LABORATORY  
Organic Analysis Report FormCollector FRED WOOTTON 16:15 Sample Source United Rigging Beltsville  
Name/Time/Date 10-24-85Sample ID No. F-5-1 Preservative Used NONESample Alert Surface Soils for PCB

## Chain of Custody Sample Possession:

From: Fredrick V. Wootton 13:40 To: \_\_\_\_\_  
Name/Time/Date 10-25-85 Name/Time/DateFrom: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/DateFrom: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

## Circle and Specify Parameters Requested:

1. EP Toxicity
3. Priority Pollutant Scan Specify:

2. ☒ PCB Pesticides
4. Specify/Identify:

OCT 28 1985

RECEIVED  
ENFORCEMENT FILE  
FILE COPY ONLYGC/MS Analysis indicates the presence  
of the following compounds:GC Analysis indicates the presence  
of the following PCB's/Pesticides:2.8 ppm PCB AS 12.60

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/27/85



**SECURITY**

HARMFUL WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA 2

NPDES 2

OTHER:

Lab No. \_\_\_\_\_

Collector Fred Wootton 11:15  
Name/Time/Date 10-24-85

Sample Source United Rigging Beltsville

Sample ID No. F5-2

Preservative Used None

Sample Alert Surface soils for PCB

Chain of Custody Sample Possession:

From: Fred Wootton B:40  
Name/Time/Date 10-25-85

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity
3. Priority Pollutant Scan Specify:

2. PCB/Pesticides
4. Specify/Identify: RECEIVED

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOV 28 1985  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

0.7 ppm PCB AS 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW  
10/27/85

Authorized By: \_\_\_\_\_

**SECURITY**  
 Laboratories Administration  
 Howard and Biddle Streets  
 P.O. Box 2355 Baltimore, Maryland 21203  
 HAZARDOUS WASTE LABORATORY  
 Organic Analysis Report Form

850936

PROGRAM:

RCRA ☒ NPDES ☒

OTHER:

Lab No.

Collector FRED WOOTTON 11:00  
 Name/Time/Date 10-25-85

Sample Source United Kriggery - Beltsir

Sample ID No. F4-C3

Preservative Used None

Sample Alert Surface soils for PCB

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Fredrick Wootton 13:40  
 Name/Time/Date 10-25-85

To: \_\_\_\_\_  
 Name/Time/Date

From: \_\_\_\_\_  
 Name/Time/Date

To: \_\_\_\_\_  
 Name/Time/Date

From: \_\_\_\_\_  
 Name/Time/Date

To: \_\_\_\_\_  
 Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity
3. Priority Pollutant Scan Specify:

2. PCB Pesticides
4. Specify/Identify:

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ENTERED IN FILE

GC/MS Analysis indicates the presence of the following compounds:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

GC Analysis indicates the presence of the following PCB's/Pesticides:

1.1 ppm PCB AS 1260  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/27/85



**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

850936

PROGRAM:

RCRA ☒

NPDES ☒

OTHER: \_\_\_\_\_

Lab No. \_\_\_\_\_

Collector FRED WOOTTON 11:15  
Name/Time/Date 10-25-85

Sample Source United Logging - Beltsville

Sample ID No. E-52

Preservative Used None

Sample Alert Asphalt for PCB

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Fredrick Wootton 13:40  
Name/Time/Date 10-25-85

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. ☐ EP Toxicity

2. ☒ PCB/Pesticides

3. ☐ Priority Pollutant Scan Specify:

4. ☐ Specify/Identify:

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OCT 28 1985

ENFORCEMENT FILE  
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GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

1.8 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/27/85

**SECURITY**

P.O. Box 2155, Baltimore, Maryland 21213

PROGRAM:

RCRA α NPDES α

OTHER:

Lab No.

**HAZARDOUS WASTE LABORATORY**  
**Organic Analysis Report Form**

Collector Fred Wootton 11/15 Sample Source Unites Digging - Batts  
Name/Time/Date 10-25-85

Sample ID No. E-69 Preservative Used None ORIGINAL (Red)

Sample Alert Asphalt for PCB

**Chain of Custody Sample Possession:**

From: Gredrick Wootton 13:40 To: \_\_\_\_\_  
Name/Time/Date 10-25-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

**Circle and Specify Parameters Requested:**

- |                                     |                            |
|-------------------------------------|----------------------------|
| 1. EP Toxicity                      | 2. <u>9</u> PCB/Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:       |

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB's/Pesticides:

4.1 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: DW

Authorized By: \_\_\_\_\_

10/27/85



CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

PERO/UNITED RIGGING

6701 AMMENDALE RD.

BELTSVILLE, MD

20705

SAMPLE INVENTORY AND MASTER PACKING LIST

SAMPLE LOG NUMBER

Sample I.D.

Total

F-5-1

SURFACE

1

F-5-2

1

Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Don Stone

DON STONE  
Signature (Print Also)

10-24-85  
Date and Time

FIELD  
CUSTODIAN

[Signature]

10-24-85

# CHAIN-OF-CUSTODY RECORD

## CUSTODY SIGNATURES

ORIGINAL  
(Red)

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier and/or Commercial Carrier	<u>Frederick V. Wootton</u>	<u>St. of MD</u>	<u>10-24-85</u>
	<u>FREDERICK V. WOOTTON</u>	<u>LAB</u>	<u>5:30</u>
	Signature of Carrier (Print Also)	Sent To	Date and Time (signed and dis-
		patched)	

Custodian	_____	_____
	Signature (Print Also)	Date and Time

Courier and/or Commercial Carrier	_____	_____	_____
	Signature of Carrier (Print Also)	Sent To	Date and Time (signed and dis-
		patched)	

Lab	_____	_____
Custodian	_____	_____
	Signature (Print Also)	Date and Time

Lab Manager/ Director	_____	_____
	_____	_____
	Signature (Print Also)	Date and Time

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PEPCO / UNITED RIGGING

6701 AMMENDALE

BELTSVILLE MD. 20705

ORIGINAL  
(Red)

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F4 - C3

E-69-~~3~~

E-52-~~3~~

Totals

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

John Ghilardi  
John Ghilardi

Signature (Print Also)

10-25-85 / 11:30  
Date and Time

FIELD  
CUSTODIAN

Don Nauda

10/25/85 11:30



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Program:

RCRA ☒

NPDES ☒

P.O. Box 2555 Baltimore, Maryland 21203

Hazardous Waste Laboratory

Lab. No. 850941

SPECIFY \_\_\_\_\_

Multi Sample Submission Form

ORIGINAL  
(Red)

Collector FRED WOOTTON 10/26-28/85 Priority A  
Name/time/date Sample Source United Kingdom - Belter

Sample ID No. See below Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

Chain of Custody sample possession

From Fred Wootton 13:40 10-28-85 to James Millberg 1340/10-28-85  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 F3-12 Soil

11 \_\_\_\_\_

2 F3-23 Soil

12 \_\_\_\_\_

3 F2 Sed. Basin WATER

13 \_\_\_\_\_

4 F3 Sed. Basin WATER

14 \_\_\_\_\_

5 \_\_\_\_\_

15 \_\_\_\_\_

6 \_\_\_\_\_

16 \_\_\_\_\_

7 \_\_\_\_\_

17 \_\_\_\_\_

8 \_\_\_\_\_

18 \_\_\_\_\_

9 \_\_\_\_\_

19 \_\_\_\_\_

10 \_\_\_\_\_

20 \_\_\_\_\_

DS 10-29-85



Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2365, Baltimore, Maryland 21203

050941

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA α NPDES α

OTHER:

Lab No. \_\_\_\_\_

Collector FRED WOOTTON 14:30  
Name/Time/Date 10-26-85

Sample Source United Rugger, Feltzville

Sample ID No. F3-12

Preservative Used None

Sample Alert Surface Soils for PCB

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Judith Wootton To: \_\_\_\_\_  
Name/Time/Date 10-28-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                                     |                           |
|-------------------------------------|---------------------------|
| 1. EP Toxicity                      | 2. <u>PCB</u> /Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:      |

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

535 ppm PCB AS 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/29/85

Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2355, Baltimore, Maryland 21203

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA ☒

NPDES ☒

OTHER: \_\_\_\_\_

Lab No. \_\_\_\_\_

Collector Fred Wootton 14:30

Name/Time/Date 10-26-85

Sample Source United Lighters - Baltimore

Sample ID No. F3-23

Preservative Used None

Sample Alert Surface Sink for PCB

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Fred Wootton

Name/Time/Date 10-28-85

To: \_\_\_\_\_

Name/Time/Date

From: \_\_\_\_\_

Name/Time/Date

To: \_\_\_\_\_

Name/Time/Date

From: \_\_\_\_\_

Name/Time/Date

To: \_\_\_\_\_

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. ☒ PCB Pesticides

3. Priority Pollutant Scan Specify:

4. Specify/Identify:

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

93 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

10/29/85



Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2155, Baltimore, Maryland 21203

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA ☒

NPDES ☒

OTHER: \_\_\_\_\_

Lab No. \_\_\_\_\_

Collector FRED WOOTTON 11:20  
Name/Time/Date 10-26-85 Sample Source United Piggery Beltsville

Sample ID No. F2 Sed Basin WATER Preservative Used NONE

Sample Alert \_\_\_\_\_

Chain of Custody Sample Possession:

From: Frederick Wootton To: \_\_\_\_\_  
Name/Time/Date 10-28-85 Name/Time/Date AL

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_ Name/Time/Date (Red)

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_ Name/Time/Date \_\_\_\_\_

Circle and Specify Parameters Requested:

- |                                     |                           |
|-------------------------------------|---------------------------|
| 1. EP Toxicity                      | 2. <u>PCB</u> /Pesticides |
| 3. Priority Pollutant Scan Specify: | 4. Specify/Identify:      |
| _____                               | _____                     |
| _____                               | _____                     |
| _____                               | _____                     |
| _____                               | _____                     |

GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

14 ppt PCB AS 1260  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_

Verified By: SW  
10/29/85

Authorized By: \_\_\_\_\_

Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2355 Baltimore, Maryland 21203

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

PROGRAM:

RCRA

NPDES

OTHER:

Lab No.

Collector

FRED WOOTEN

Name/Time/Date

11:20

10-25-85

Sample Source

United Rigging - Beltsville

Sample ID No.

F3 Sea Basin Water

Preservative Used

None

Sample Alert

Chain of Custody Sample Possession:

From:

Fredrick H. Wooten

Name/Time/Date

10-25-85

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity
3. Priority Pollutant Scan Specify:

2. ☒ PCB/Pesticides
4. Specify/Identify:

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB's/Pesticides:

4 ppt PCB AS 1260

Section Chief:

Verified By:

SW

Authorized By:

10/29/85



CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

ORIGINAL  
(Red)

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PEPCO/UNITED RIGGING  
BELTSVILLE, Md

20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F3-12-S

1

F3-23-S

1

Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Robert Johns

Robert Johns

Signature (Print Also)

10-26-85

Date and Time

FIELD  
CUSTODIAN

[Signature]

10-26-85 3:00

ORIGINAL  
(Red)

CHAIN-OF-CUSTODY RECORD

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier and/or Commercial Carrier	<u>Fredrick V. Wootton</u> Signature of Carrier (Print Also)	<u>MA State</u> Sent To <u>LAB</u> patched)	<u>10-26-85</u> Date and Time (signed and dis- <u>15:00</u>
--	--	--	--

Custodian	_____ Signature (Print Also)	_____ Date and Time
-----------	---------------------------------	------------------------

Courier and/or Commercial Carrier	_____ Signature of Carrier (Print Also)	_____ Sent To patched)	_____ Date and Time (signed and dis-
--	---	------------------------------	--

Lab	_____	_____
Custodian	_____ Signature (Print Also)	_____ Date and Time

Lab Manager/ Director	_____ Signature (Print Also)	_____ Date and Time
-----------------------------	---------------------------------	------------------------

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

PePco

ORIGINAL  
(Red)

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PEPCO/UNITED RIGGING

6701 AMMENDALE Rd.

BELTSVILLE, MD

20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

E3- WATER

1

E2 - "

1

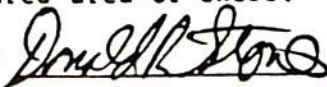
Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

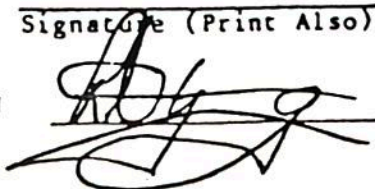
SAMPLER (S)



Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN



10-28-85

ORIGINAL  
(Red)

# CHAIN-OF-CUSTODY RECORD

## CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier and/or Commercial Carrier	<u>Fredrick V. Wootton</u> <u>Mo. State</u>	<u>10-28-85</u>
	<u>Fredrick V. Wootton</u> <u>LAB</u>	<u>11:20</u>
	Signature of Carrier Sent To	Date and Time
	(Print Also)	(signed and dis-
	patched)	

Custodian	<u>James Milberger</u> <u>(HAZARDOUS WASTE LAB)</u>	<u>10-28-85</u>
	<u>JAMES Milberger</u>	<u>1340</u>
	Signature (Print Also)	Date and Time

Courier and/or Commercial Carrier	_____	_____
	Signature of Carrier	Sent To
	(Print Also)	Date and Time
		(signed and dis-
	patched)	

Lab	_____	_____
Custodian	_____	_____
	Signature (Print Also)	Date and Time

Lab Manager/ Director	_____	_____
	_____	_____
	Signature (Print Also)	Date and Time



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Program:

RCRA d

NPDES X

SPECIFY \_\_\_\_\_

Laboratory Administration  
Howard and Biddle Street  
P.O. Box 2155, Baltimore, Maryland 21203

850945

Lab. No. (new)

Hazardous Waste Laboratory  
Multi Sample Submission Form

Priority KAP  
Sample Source United Recycling Belts

Collector FELLS WOOLTON 11:30  
Name/time/date 10-29-85

Sample ID No. See below Preservative Used NONE

Sample Alert Surface Soils for PCB

Chain of Custody sample possession  
From Fredrick Woolton 12:30 to Sam Miller 12:30/10-29-85  
Name/time/date 10-29-85 Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 F1-5 (S)

11 \_\_\_\_\_

2 F1-13 (S)

12 \_\_\_\_\_

3 \_\_\_\_\_

13 \_\_\_\_\_

4 \_\_\_\_\_

14 \_\_\_\_\_

5 \_\_\_\_\_

15 \_\_\_\_\_

6 \_\_\_\_\_

16 \_\_\_\_\_

7 \_\_\_\_\_

17 \_\_\_\_\_

8 \_\_\_\_\_

18 \_\_\_\_\_

9 \_\_\_\_\_

19 \_\_\_\_\_

10 \_\_\_\_\_

20 \_\_\_\_\_

RECEIVED

OCT 31 1985

ENFORCEMENT FILE  
FILE COPY ONLY

DS 10-31-85

Priority

ASAP**SECURITY**  
Hazardous Waste Laboratory  
Organic Analysis Report Form

Lab No.

850945

Collector

Fred Wootton 11:30

Sample Source

United Dipping BeltName/Time/Date 10-29-85

Sample ID No.

F1-5 -(5)

Preservative Used

NONE

Sample Alert

Surface Soils for PCB

Specify Program:

RCRA:

X

NPDES:

2

OTHER:

Chain of Custody Sample Possession:

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

Circle and Specify Parameters Requested:

1.

EP Toxicity

2.

PCB Pesticides

3.

Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:GC Analysis indicates the presence  
of the following PCB/Pesticides:0.4 ppm PCB AS 12420.1 ppm PCB AS 12600.5 ppm TOTAL PCB**RECEIVED**

OCT 31 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief:

Verified By:

SW

Authorized By:

Date:

10/31/85



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration

P.O. Box 2255  
Baltimore, Maryland 21203  
**SECURITY**

Priority ASAP

Lab No. 850945

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector FRAN WOOTTON 11/30 Sample Source United Kingdom - B&H  
Name/Time/Date 10-25-85

Sample ID No. F1-13-(S) Preservative Used NONE

Sample Alert Surface Soils for PCB

Specify Program:

RCRA: X NPDES: X OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                           |
|----------------------------|---------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> /Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare       |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

0.03 ppm PCB AS 126C

**RECEIVED**

OCT 31 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

Date: 10/31/85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

ORIGINAL  
(Red)

ORIGINAL  
(Red)

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F1 13(s)

1

PPM  
0.03  
0.5

F1 5(s)

1

Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

*Larry Depubli*

*Larry Depubli*

10/29/85

11:30 AM

Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN

*[Signature]*



# CHAIN-OF-CUSTODY RECORD

## CUSTODY SIGNATURES

ORIGINAL

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier and/or Commercial Carrier	<u>Frederick V. Wootton</u> <u>FREDERICK V. WOOTTON</u> Signature of Carrier (Print Also)	<u>Ms State</u> <u>Lab</u> Sent To	<u>10-29-85</u> <u>11:30</u> Date and Time (signed and dis- patched)
--	--	--	--

Custodian	_____ Signature (Print Also)	_____ Date and Time
-----------	---------------------------------	------------------------

Courier and/or Commercial Carrier	_____ Signature of Carrier (Print Also)	_____ Sent To patched)	_____ Date and Time (signed and dis-
--	---	------------------------------	--

Lab	_____	_____
Custodian	_____ Signature (Print Also)	_____ Date and Time

Lab Manager/ Director	_____ _____ Signature (Print Also)	_____ _____ Date and Time
-----------------------------	--	---------------------------------

Priority ASAD

Lab No. 850946

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector FRED WOOTTON 14:30 Sample Source United Rigging Belts  
Name/Time/Date

Sample ID No. D-21-S Preservative Used NONE  
10-29-85

Sample Alert Surface Soils for PCB

Specify Program:

RCRA: ☒ NPDES: ☒ OTHER: ☐

Chain of Custody Sample Possession:

From: Frederick Wootton 15:30 To: James Milberger 1530/10-29-85  
Name/Time/Date 10-29-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

9.2 ppm PCB AS 1260

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FILE COPY ONLY

Section Chief: DS

Verified By: JW

Authorized By: \_\_\_\_\_

Date: 10/30/85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

(Red)  
ORIGINAL

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PEPCO/UNITED RIGGING  
BELTSVILLE, Md  
20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

PPM  
9.2

AREA "D" - 21-5

1

S-SURFACE



Totals

1

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)


Signature (Print Also)

Date and Time

14:30

10-29-85

FIELD  
CUSTODIAN



10-29-85



Priority ASAP

Lab No. 850953

Collector FRED WOOTTON 11:10  
Name/Time/Date 10-31-85

Sample Source United Riggings - Beltsville

Sample ID No. F3-12

Preservative Used None

Sample Alert Surface Soils

ORIGINAL  
(Red)

Specify Program:

RCRA: ☒ NPDES: ☒ OTHER: ☐

Chain of Custody Sample Possession:

From: Frederick Wootton 12:05  
Name/Time/Date 10-31-85

To: Alice Lee 12:05 10-31-85  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

0.3 ppm PCB AS 1260

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FILE COPY ONLY

Section Chief: \_\_\_\_\_  
Date: 11/1/85

Verified By: SW

Authorized By: \_\_\_\_\_



Priority ASAP

Lab No. 850953

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Fred Wootton Sample Source United Rigging - Belts

Name/Time/Date 10-31-85

Sample ID No. F3-24 Preservative Used None **ORIGINAL**  
(Red)

Sample Alert Surface Soils

Specify Program:

RCRA: X NPDES: Y OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Frederick V Wootton 12:05 To: Alice Lee 12:05 10-31-85  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

355 ppm PCB AS 1260

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NOV 1 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: DW

Authorized By: \_\_\_\_\_

Date: 11/1/85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

PEPCO/UNITED RIGGING  
BELTSVILLE, Md  
20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

AREA F3 - 12, 24, SURFACE

2

Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

LARRY Shepulis Jr.



10-30-85

Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN



10-30-85



Priority ASAP

Lab No. 850987

**SECURITY**

Collector FRED WOOTTON 11:15 Sample Source United Rigging Belts, ORIGINAL (Red)  
Name/Time/Date 11-12-85

Sample ID No. F3-22 Preservative Used None

Sample Alert Surface Soils for PCB

Specify Program:  
RCRA: X NPDES: X OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Andrew Wootton 12:30 To: P.D. Hectors 12:30 11-12-85  
Name/Time/Date 11-12-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                            |
|----------------------------|----------------------------|
| 1. EP Toxicity             | 2. <u>(PCB)</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare        |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

None detected  
DL = 0.03 ppm PCB  
AS 1254

**RECEIVED**

NOV 19 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: DS Verified By: SW Authorized By: \_\_\_\_\_  
Date: 11/13/85

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration  
P.O. Box 2355  
Baltimore, Maryland 21203

Priority ASAP

Lab No. 850987

SECURITY  
HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Fred Wootton 11:15

Sample Source United Rigging Belts

Name/Time/Date 11-12-85

Sample ID No. F3-25

Preservative Used None

Sample Alert Surface Soils for PCB

Specify Program:

RCRA: ☒

NPDES: ☒

OTHER: ☐

Chain of Custody Sample Possession:

From: Fredrick Wootton 12:30  
Name/Time/Date 11-12-85

To: P.D. Wootton 12:30  
Name/Time/Date 11-12-85

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. ☒ PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

None detected

D.L. = 0.03 ppm PCB AS  
1254

RECEIVED

NOV 18 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_



CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PERCO / UNITED RIGGING

ORIGINAL  
(Red)

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F-3/25

PER ANALYSIS FOR SOIL

ONE (1)

F-3/22

" " " "

ONE (1)

Totals

TWO (2) SAMPLES

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S) LARRY M. SACPOLSKI

Chem Waste MGT. Inc

Larry Sacpolski  
Signature (Print Also)

12 Nov 85 / 11:15 AM  
Date and Time

FIELD  
CUSTODIAN

Priority ASAP

SECURITY

Lab No. 851002

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector FRED WOOTTON 11-14-85  
Name/Time/Date 1402

Sample Source United Riffing Beltsville

Sample ID No. F2-61-S

Preservative Used None ORIGINAL (Red)

Sample Alert Surface Soils for PCB

Specify Program:

RCRA: α NPDES: α OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Fred Wootton 11-14-85 To: P.D. Hartman 15:40 11-14-85  
Name/Time/Date 15:40 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

0.01 ppm PCB no 1260

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NOV 18 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: DS

Verified By: SW

Authorized By: [Signature]

Date: 11-18-85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

PERCO/UNITED RIGGING  
BELTSVILLE, MD

20705

SAMPLE INVENTORY AND MASTER PACKING LIST

SAMPLE LOG NUMBER

Sample I.D.

Total

F2-61-5

1 (0.01)

\*S-SURFACE

11/20/85  
EAG  
per  
Fred

Totals

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S) LARRY SHEPULSKI

Larry Shepulski  
Signature (Print Also)

11-14-85  
Date and Time

FIELD  
CUSTODIAN

Robert Young

11-14-85



NATIONAL STATE DEPARTMENT OF HEALTH AND SERVICE SYSTEM  
Laboratories Administration  
P.O. Box 2355

Baltimore, Maryland 21203

Priority ASAP

Lab No. 851007

**SECURITY**  
RECORDS SECTION  
FBI  
FEDERAL BUREAU OF INVESTIGATION  
U.S. DEPARTMENT OF JUSTICE

Collector FRED WOOTTON 11-15-85 Sample Source United Rigging Belts  
Name/Time/Date 11:40

Sample ID No. F3-61 Preservative Used NONE

Sample Alert Surface Soils

Specify Program:

RCRA: α NPDES: α OTHER: +

Chain of Custody Sample Possession:

From: Fred Wootton 12:15 To: James Miller 1615/11-15-85  
Name/Time/Date 11-15-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                           |
|----------------------------|---------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> /Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare       |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

80.4 ppm PCB AS 1260

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FILE COPY ONLY

Section Chief: \_\_\_\_\_ Verified By: FW Authorized By: \_\_\_\_\_



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration

P.O. Box 2355

Baltimore, Maryland 21203

Priority ASAB

Lab No. 851007

HAZARDOUS WASTE ANALYSIS  
LABORATORY REPORT FORM

Collector Fredrick Wooten Sample Source United Rigging Belts  
Name/Time/Date 16:45

Sample ID No. F3-66 Preservative Used None

Sample Alert Surface Soils

Specify Program:

RCRA: X NPDES: X OTHER: ORIGINAL (Red)

Chain of Custody Sample Possession:

From: Fredrick Wooten 16:15 To: James Dillinger 16:15 / 11-15-85  
Name/Time/Date 11-15-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                           |
|----------------------------|---------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> /Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare       |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

0.8 ppm PCB AS 1260

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NOV 19 1985

END PAGE  
FILE COPY

Section Chief:

Verified By:

Su

Authorized By:

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration  
P.O. Box 2355  
Baltimore, Maryland 21203

Priority ASAP

Lab No. 851007

**SECURITY**

Collector FRED WOOTTON 11-15-85  
Name/Time/Date 15:40

Sample Source United Piggery - Belts

Sample ID No. F2-70

Preservative Used NONE

Sample Alert Soils Samples

Specify Program:

RCRA: X

NPDES: X

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Arthur Wootton 16:15  
Name/Time/Date 11-15-85

To: James Dillig 1615/11-15-85  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2.

PCB Pesticides

3. Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

0.5 ppm PCB AS 1260

0.6 ppm PCB AS 1242

1.1 ppm TOTAL PCB

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FILE COPY ONLY

Section Chief: DS

Verified By: SW

Authorized By: \_\_\_\_\_



CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

PERCO/UNITED

BELTSVILLE, MD

20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

PPM

F3 - 61, 66 - SURFACE

2

} 61- 80.4  
66 0.8  
1.0

F2 - 70 - "

1

Totals

3

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S) LARRY SHERPULSKI

Larry Sherpulski  
Signature (Print Also)

11-15-85  
Date and Time

FIELD  
CUSTODIAN

Robert Young

11-15-85

Priority ASAP

Lab No. 851021

# SECURITY

Collector FRED WOOLTON 16:00 Sample Source United Rigging + Belts  
Name/Time/Date 11-19-85

Sample ID No. F3(S) Preservative Used None

Sample Alert Discharge pipe surface soil

Specify Program:

RCRA: α NPDES: α OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Fred Woolton 11:55 To: Alice Lee 11:55 11-20-85  
Name/Time/Date 11-20-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

13.8 ppm PCBs 126

Section Chief: \_\_\_\_\_ Verified By: Siv Authorized By: \_\_\_\_\_  
Date: 11-21-85



CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

Pepero/United Rigging 6701 Ammendale Rd  
Beltsville Maryland, 20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F3 Discharge Pipe (5)

PPM  
13.8

Totals

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Larry S. Repulski  
Larry S. Repulski

11-16-85

Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN

Robert Young

11-18-85

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration

P.O. Box 2355

Baltimore, Maryland 21203

Priority

ASAP

Lab No.

851021

**SECURITY**  
Hazardous Waste Laboratory  
Collection and Analysis Form

ORIGINAL  
(Red)

Collector FRED WOOTTON 16:00

Sample Source

United Rigging - Belts

Name/Time/Date 11-19-85

Sample ID No. F2-68(5)

Preservative Used

None

Sample Alert

Surface soil

Specify Program:

RCRA: X

NPDES: X

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Frederick Wootton 11:55

To: Alice Lee 11:55 11-20-85

Name/Time/Date 11-20-85

Name/Time/Date

From: \_\_\_\_\_

To: \_\_\_\_\_

Name/Time/Date

Name/Time/Date

From: \_\_\_\_\_

To: \_\_\_\_\_

Name/Time/Date

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2.

PCB Pesticides

3. Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

C.7 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: Siv

Authorized By: \_\_\_\_\_



## Laboratories Administration

Baltimore, Maryland 21203

Lab No. 851021

# SECURITY

Sample ID No. F3-75(S), Preservative Used None

Sample Alert Surface soils

RCRA: ☒ NPDES: ☒ OTHER: ☐

From: Fredrick Wootch 11:55 To: alice Lee 11:55 11-20-85  
Name/Time/Date 11-20-85 Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

1.	EP Toxicity	2.	PCB Pesticides
3.	Priority Pollutant Scan	4.	Identify/Compare

GC Analysis indicates the presence of the following PCB/Pesticides:

41.4 ppm PCB 45 1260

Section Chief: \_\_\_\_\_ Verified By: SW Authorized By: \_\_\_\_\_

Verified By:

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

ORIGINAL  
(Red)

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

Pepco/United Rigging 6701 Ammendale Rd.  
Beltsville Md 20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F2-68 (5)  
F3-75 (5)

1  
1

PPM  
0.7  
41.4

Totals 2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Larry Shepulski  
Larry Shepulski

11-19-85

(1600 hrs)

Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN

At Young

11-19-85



Priority

ASAP

**SECURITY**

Lab No.

851029

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector

ERIN WOOTTON

10:45

Sample Source

United Piggery Belts

Name/Time/Date 11-21-85

Sample ID No.

F3-10

Preservative Used

None

Sample Alert

Surface Soils

Specify Program:

RCRA: ☒NPDES: ☒OTHER: ☐

Chain of Custody Sample Possession:

From:

Erin Wootton

1230

To:

James Dillinger / 1230 / 11-21-85

Name/Time/Date 11-21-85

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

Circle and Specify Parameters Requested:

1.

EP Toxicity

2.

☒ PCB/Pesticides

3.

☒ Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

0.01 ppm naphthalene

0.3 ppm 1,2,4-Trichlorobenzene

0.2 ppm 1,3,5-Trichlorobenzene

0.6 ppm 1,2,3,5-Tetrachlorobenzene

0.1 ppm Pentachlorobenzene

GC Analysis indicates the presence  
of the following PCB/Pesticides:

3.5 ppm PCB AS 1260

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INFORMANT FILE  
FILE NO. 1-1-1

Section Chief:

DS

Verified By:

Siv

Authorized By:

Date:

11-22-85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

ORIGINAL  
(Red)

Repro/United Rigging 6701 Ammendale Rd.  
Beltsville Md. 20705

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F3 10 surface

1

Totals

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

*Larry Shepelt*  
*Larry Shepelt*

11-21-85

10:45 AM

Signature (Print Also)

Date and Time

FIELD  
CUSTODIAN

*Robert Young*

11-21-85



DS 12-5.85

Priority

**SECRET**HAZARDOUS WASTE LABORATORY  
Organic Analysis Report FormLab No. 851039Collector Shepalski  
Name/Time/DateSample Source United RiggingSample ID No. F3-10Preservative Used ORIGINAL (Red)

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_  
Name/Time/DateTo: \_\_\_\_\_  
Name/Time/DateFrom: \_\_\_\_\_  
Name/Time/DateTo: \_\_\_\_\_  
Name/Time/DateFrom: \_\_\_\_\_  
Name/Time/DateTo: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:1.8 ppm 1,2,4 Trichlorobenzene  
C. 2 ppm Tetrachlorobenzene  
C. 4 ppm Pentachlorobenzene  
C. 1 ppm NaphthaleneGC Analysis indicates the presence  
of the following PCB/Pesticides:13.1 ppm PCB AS 1260Section Chief: DSVerified By: SW

Authorized By: \_\_\_\_\_

Date: 11/26/85



Priority

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Lab No.

851039

Collector

Skupulski

Name/Time/Date

Sample Source

United Rigging

ORIGINAL  
(Red)

Sample ID No.

F3-10'

Preservative Used

Sample Alert

from discharge

Specify Program:

RCRA:

✓

NPDES:

OTHER:

Chain of Custody Sample Possession:

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

Circle and Specify Parameters Requested:

1.

EP Toxicity

2.

PCB/Pesticides

3.

Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

0.04 ppm pyrene

0.04 ppm fluoranthene

0.01 ppm naphthalene

GC Analysis indicates the presence  
of the following PCB/Pesticides:

15.6 ppm PCB AS 12.6 (1)

Section Chief:

Verified By:

Sil

Authorized By:

Date:

11-26-85

**SECURITY**

P.O. BOX 2385  
Baltimore, Maryland 21203

Lab No. 851039

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Shupalski  
Name/Time/Date

Sample Source United Rigging

Sample ID No. F3

Preservative Used \_\_\_\_\_

Sample Alert discharge area

Specify Program:

PCPA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

0.03 ppm pyrene-  
0.01 ppm naphthalene

GC Analysis indicates the presence  
of the following PCB/Pesticides:

4.2 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: Su

Authorized By: \_\_\_\_\_

Date: 11-26-85

CHEMICAL WASTE MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

Pepero/United Rigging  
Beltsville Md. 20705

6701 Ammendale Rd.

ORIGINAL  
(Red)

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F3-10-surface  
(taken from a 8 ft hole)

Totals

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Larry Shepeltki  
Larry Shepeltki

11-25-85

RECEIVED

12:00 NOON

NOV 29 1985

Signature (Print Also)

Date and Time

ENFORCEMENT FILE  
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FIELD  
CUSTODIAN

Robert Young



# STUDY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

ORIGINAL  
(RED)

Courier  
and/or  
Commercial  
Carrier

Gregory E. Sanberg  
Signature of Carrier  
(Print Also)

Sent To

patched)

11/25/85 1515 hrs.  
Date and Time  
(signed and dis-

Custodian

Signature (Print Also)

Date and Time

Courier  
and/or  
Commercial  
Carrier

Signature of Carrier  
(Print Also)

Sent To

patched)

Date and Time  
(signed and dis-

Lab

Custodian

Signature (Print Also)

Date and Time

Lab

Manager/  
Director

Signature (Print Also)

Date and Time



MANAGEMENT  
CHAIN-OF-CUSTODY FORM

DISPOSAL SITE REQUESTED

SAMPLE SOURCES  
CITY AND STATE

PERCO/UNITED RIGGING  
BELTSVILLE, MD  
20705

ORIGINAL  
(R&D)

SAMPLE INVENTORY AND MASTER PACKING LIST  
SAMPLE LOG NUMBER

Sample I.D.

Total

F3 DISCHARGE - 2 (10 ft. from pipe) - SURFACE	1
" " - 1 (foot of pipe) - S	1

Totals

2

CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

SAMPLER (S)

Larry Shepalski  
Larry Shepalski

Signature (Print Also)

FIELD  
CUSTODIAN

Robert Young

11-25-85

Date and Time

11-25-85

NOV 25 1985

INVESTIGATOR FILE  
FILE COPY ONLY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

ALL SIGNATURES

ORIGINAL  
(Red)

The persons whose signatures are listed below certify that the collected samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier  
and/or  
Commercial  
Carrier

Gregory E. Sanberg  
Gregory E. Sanberg  
Signature of Carrier  
(Print Also)

Sent To

patched)

11/25/85 1515 hrs.  
Date and Time  
(signed and dis-

Custodian

James Milberger  
JAMES Milberger  
Signature (Print Also)

1631 hrs.  
11/25/85  
Date and Time

Courier  
and/or  
Commercial  
Carrier

Signature of Carrier  
(Print Also)

Sent To

patched)

Date and Time  
(signed and dis-

Lab

Custodian

Signature (Print Also)

Date and Time

Lab  
Manager/  
Director

Signature (Print Also)

Date and Time

NOV 25 1985

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Program:

RCRA ☒

NPDES ☐

SPECIFY ☐

**SECURITY**

Laboratory Administration  
Howard and Eddle Streets  
P.O. Box 155 Baltimore, Maryland 21203

Lab. No. 851040

Hazardous Waste Laboratory  
Multi Sample Submission Form

ORIGINAL  
(Red)

Priority ☐

Collector Sonberg 1400-150hrs. 11/25/85 Sample Source United Rigging  
Name/time/date

Sample ID No. As listed below Preservative Used none

Sample Alert For PCB analyses only

Chain of Custody sample possession

From Gregory E. Sonberg 1630 11/25/85 to James Hillberg 1630 11-25-85  
Name/time/date Name/time/date

From ☐ to ☐  
Name/time/date Name/time/date

From ☐ to ☐  
Name/time/date Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 1125856ES X1 (1-8cz) 11 ☐

2 1125856ES X2 (1-8cz) 12 ☐

3 1125856ES X3 (1-8cz) 13 ☐

4 1125856ES X4 (1-8cz) 14 ☐

5 1125856ES X6 (UAF) 15 ☐

6 ☐ 16 ☐

7 ☐ 17 ☐

8 ☐ 18 ☐

9 ☐ 19 ☐

10 ☐ 20 ☐

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NOV 20 1985

ENFORCEMENT FILE  
FILE COPY ONLY

DS 11-27-85



Priority

**SECURITY**HAZARDOUS WASTE LABORATORY  
Organic Analysis Report FormCollector Souberg  
Name/Time/DateSample Source United RiggingSample ID No. 112585 GESX1

Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒ NPDES: \_\_\_\_\_ OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/DateFrom: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/DateFrom: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB</u> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence  
of the following compounds:GC Analysis indicates the presence  
of the following PCB/Pesticides:11.0 ppm PCB AS 1260**RECEIVED**

NOV 29 1985

ENFORCEMENT FILE  
FILE COPY ONLYSection Chief: \_\_\_\_\_ Verified By: Sut Authorized By: \_\_\_\_\_Date: 11-27-85



Priority

Lab No. 851040

**SECURITY**

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Sonberg  
Name/Time/Date

Sample Source United Rigging

Sample ID No. 1125856ESX2

Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

ORIGINAL  
(Red)

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

0.1 ppm PCB AS 1260

RECEIVED

NOV 20 1985

ENFORCEMENT FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_  
Date: 11-27-85

Verified By: Su

Authorized By: \_\_\_\_\_

Lab No. 851040

Prior

# SECURITY

WASTE LABORATORY  
Organic Analysis Report Form

Collector Sonberg  
Name/Time/Date

Sample Source United Rigging

Sample ID No. 112585GESX3

Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2.

PCB/Pesticides

3. Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

1.9 ppm PCB AS 1260

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ENCLOSURE FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: Sil

Authorized By: \_\_\_\_\_

Date: 11-27-85



# SECURITY

U.S. ENVIRONMENTAL PROTECTION AGENCY  
P.O. Box 2355  
Baltimore, Maryland 21203

Lab No. 851640

Priority \_\_\_\_\_

## HAZARDOUS WASTE LABORATORY Organic Analysis Report Form

Collector Sonberg  
Name/Time/Date \_\_\_\_\_

Sample Source United Rigging

Sample ID No. 112585GESX4

Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

To: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

From: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

To: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

From: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

To: \_\_\_\_\_  
Name/Time/Date \_\_\_\_\_

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

66.3 ppm PCB AS 126

NOV 28 1985

ENVIRONMENTAL FILE  
FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: Sut

Authorized By: \_\_\_\_\_

Date: 11-27-85

**SECURITY**

Lab No. 851040

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Sonberg Sample Source United Rigging  
Name/Time/Date

Sample ID No. 112585 GEX 6 Preservative Used \_\_\_\_\_

Sample Alert Seep identified as F5 Area ORIGINAL (Red)

Specify Program: RCRA: ☒ NPDES: \_\_\_\_\_ OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date
From: _____	To: _____
Name/Time/Date	Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |   |
|----------------------------|---|
| 1. EP Toxicity             | 2. <input checked="" type="checkbox"/> Pesticides |
| 3. Priority Pollutant Scan | 4. Identify/Compare                               |

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

1.3 ppb PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: Sid

Authorized By: \_\_\_\_\_

Date: 11-27-85



# CHAIN-OF-CUSTODY RECORD

## CUSTODY SIGNATURES

The persons whose signatures are listed below certify that the collected <sup>ORIGINAL</sup> samples listed in the sample inventory and master packing list above had the samples in their custody and the only manner in which custody was given up was either to one of the other persons listed below or to a locked and/or secured area or chest.

Courier and/or Commercial Carrier Frederick L. Wootton Mr. St. te 11-25-85  
FRED WOOTTON LAB 12:00  
 Signature of Carrier Sent To Date and Time  
 (Print Also) patched) (signed and dis-

Custodian \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_  
 Signature (Print Also) Date and Time

Courier and/or Commercial Carrier Gregory E. Sorberg Ind. DHMff 11-25-85  
GREGORY E. Sorberg LAB 1210  
 Signature of Carrier Sent To Date and Time  
 (Print Also) patched) (signed and dis-

Lab James Milberger HAZARDOUS WASTE 1630 hrs  
JAMES Milberger LAB 11/25/85  
 Custodian Signature (Print Also) Date and Time

Lab Manager/Director \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

Signature (Print Also) \_\_\_\_\_

RECEIVED  
 Date and Time

NOV 29 1985

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 FILE COPY ONLY

Frank

MARYLAND STATE DEPARTMENT OF HEALTH AND ENVIRONMENTAL HYGIENE

Program:

RCRA ☒

NPDES ☐

SPECIFY ☐

Laboratory Administration  
Howard and 104th Streets  
P.O. Box 255, Baltimore, Maryland 21203

**SECURITY**

Hazardous Waste Laboratory

Multi Sample Submission Form

UNCLASSIFIED  
(Red)

Lab. No. 851045

Collector LARRY DEBILSKI 12:00 <sup>11-27-85</sup> Priority                       
Name/time/date Sample Source United Rigging

Sample ID No. (List below) Preservative Used none

Sample Alert PCB only

Chain of Custody sample possession

From Larry Debilski 12:10 <sup>11-27-85</sup> to Gregory E. Seberg 12:10 <sup>11/27/85</sup>  
Name/time/date Name/time/date

From Gregory E. Seberg 14:55 <sup>11/27/85</sup> to Pauline E. Dillert 14:55 <sup>11-27-85</sup>  
Name/time/date Name/time/date

From                      to                       
Name/time/date Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 F<sub>2</sub> Discharge 3

11                     

2 F<sub>2</sub> Discharge 4

12                     

3 F<sub>2</sub> Discharge 5

13                     

4                     

14                     

5                     

15                     

6                     

16                     

7                     

17                     

8                     

18                     

9                     

19                     

DS 11-29-85

Priority high

Lab No. 851045

Collector Shepalski 1200 11/27/85  
Name/Time/Date

Sample Source United Rigging

Sample ID No. F3 discharge 3

Preservative Used none ORIGINAL (Red)

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: Garry E. Saberg 1455 11/27/85 To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2.

PCB/Pesticides

3. Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

6.3 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

Date: 11-29-85



# SECURITY

Organic Analysis Report Form

Sample ID No. F3 discharge 4 Preservative Used none

Specify Program:

OTHER:

From: Gregory E. Schubert 1455 11/27/85  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

- 2.

PCB/Pesticides

- ### 3. Priority Pollutant Scan

- 4.

Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

48.7 ppm PCB AS 12.60

Section Chief:

Verified By: JSU

Authorized By: \_\_\_\_\_



high

Lab No.

85-1045

Collector Shepalski 1200 11/27/85  
Name/Time/Date

Sample Source United Rigging

Sample ID No. F3 discharge 5

Preservative Used None

## Sample Alert

Specify Program:

ECRA:

NPDES:

CTHER:

Chain of Custody: Sample Possession:

From: Gregory E. Searberg 1455 11/27/25  
Name/Time/Date

TO:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

**TO:**

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

- 2.

PCB/pesticides

3. Priority Pollutant Scan

- 4.

Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

130.5 ppm PCBAS126C

Section Chief:

Verified By:

Authorized By:

Date:

11-29-85

WMA

# SECURITY

Program: RCRA  
NPDES \_\_\_\_\_  
SPECIFY \_\_\_\_\_

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration  
Howard and Biddle Streets  
P.O. Box 2355, Baltimore, Maryland 21203

ORIGINAL  
(Red)

Hazardous Waste Laboratory  
Multi Sample Submission Form

Lab. No. 851051

Priority ASAP

Collector \_\_\_\_\_ Sample Source UNITED RIGGING  
Name/time/date

Sample ID No. \_\_\_\_\_ (List below) Preservative Used NA

Sample Alert \_\_\_\_\_

Chain of Custody sample possession

From John M. Myers 1545 12/2/85 to Pauline E. DelleGrosso 1545 12/2/85  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

☒ ORGANIC ☐ INORGANIC ☐ METAL

- |                |          |
|----------------|----------|
| 1 <u>F3 #6</u> | 11 _____ |
| 2 <u>F3 #7</u> | 12 _____ |
| 3 <u>K4 A</u>  | 13 _____ |
| 4 <u>K4 B</u>  | 14 _____ |
| 5 <u>K4 C</u>  | 15 _____ |
| 6 <u>K4 D</u>  | 16 _____ |
| 7 _____        | 17 _____ |
| 8 _____        | 18 _____ |
| 9 _____        | 19 _____ |

DJ 12-5-85

12-4-85



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration  
P.O. Box 2355  
Baltimore, Maryland 21203

WM4

851051  
851051

Priority ASAP

Lab No.

HAZARDOUS WASTE LABORATORY  
Organic Analysis

Collector

STOLE

Name/Time/Date

Preservative Used

N/A

Sample ID No.

F3 #7

Sample Alert

Specify Program:

RCRA: ☒

NPDES: ☐

OTHER: ☐

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From:

John Meyer 1545 12/2/85

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

To:

Name/Time/Date

Circle and Specify Parameters Requested:

1.

EP Toxicity

2.

PCB/Pesticides

3.

Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

113 ppm PCB AS 1260

Section Chief:

Verified By:

SW

Authorized By:

Date:

12-4-85



STATE DEPARTMENT OF HEALTH AND  
Laboratories, Baltimore, Maryland  
**SECURITY**  
Baltimore, Maryland 202  
BIOLOGICAL WASTE LABORATORY

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Section Chief: \_\_\_\_\_ Verified By: WU Authorized By: \_\_\_\_\_  
Date: 12-4-85

Baltimore, Maryland 2120

ASAF

# SECURITY

851051

STONE 1/30 12/2/85  
Name/Time/Date

Sample Source UNITED PACIFIC

X4B

Preservative Used

N/A

---

RCRA:

NPDES:

OTHER:

ORIGINAL  
R: (Red)

John Meyer 1545 12/2/85  
Name/Time/Date

To:

Name/Time/Date

Name/Time/Date

To:

Name/Time/Date

Name/Time/Date

TO:

Name/Time/Date

PCB/Pesticides

2. ~~PCB/Pesticides~~

4. Identify/Compare

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

33.2 ppm PCB AS 1260

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Verified By: Su

Authorized By:

12-5-85

Baltimore, Maryland 21203

12-5-85



Baltimore, Maryland 21203

Lab No. 851051

Collector

# STORJE

Name \_\_\_\_\_ Time \_\_\_\_\_ Date \_\_\_\_\_

Symbol Source: UNITED RIGGS

Sample ID No. K4-D

Preservative Used MA

## Sample Alert

Specify Program:

ECRA:

NPDES:

OTHER:

Chain of Custody Sample Possession:

From: *Chas. Meyer 1545 12/2/85* To:

Name/Time/Date

TO:

Name/Time/Date

FROM:

Name/Time/Date

To:

Name/Time/Date

From:

Name/Time/Date

TO:

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. ( PCB/Pesticides

- ### 3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

17 ppm PCB AS 1260

Section Chief:

Verified By:

Authorized By:

Date:

12-5-85



W/111 Jack

MARYLAND STATE DEPARTMENT OF HEALTH AND SOCIAL SERVICES

Program:

RCRA ☒

NPDES ☐

SPECIFY ☐

P.O. Box

**SECURITY**

2120

851050

Hazardous Waste Laboratory

Lab. No.  
ORIGINAL  
(Red)

Multi Sample Submission Form

Priority ASAP

Collector STONE 1015 12/5/85  
Name/time/date

Sample Source UNITED RIGGING

Sample ID No. (List below)

Preservative Used ✓A

Sample Alert ☐

Chain of Custody sample possession

From John Miller 1339 12/5/85 to John Miller 1339 12-5-85  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

From \_\_\_\_\_ to \_\_\_\_\_  
Name/time/date Name/time/date

☒ ORGANIC

☐ INORGANIC

☐ METAL

1 F3-8

11 \_\_\_\_\_

2 F3-9

12 \_\_\_\_\_

3 F3-10

13 \_\_\_\_\_

4 F3-11

14 \_\_\_\_\_

5 F3-12

15 \_\_\_\_\_

6 K4A2

16 \_\_\_\_\_

7 K4D2

17 \_\_\_\_\_

8 K4E

18 \_\_\_\_\_

9 \_\_\_\_\_

19 \_\_\_\_\_

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DS 12-9-85

# SECURITY

No.

851050

HAZARDOUS WASTE  
Organic Analysis

Sample Source UNITED RIGGING

Preservative Used N/A

### Sample Alert

Specify Program:

ORIGINAL  
(Red)

RCRA:

NPDES:

OTHER:

Chain of Custody Sample Possession:

To:

Name/Time/Date

Name/Time/Date

From:

To:

Name/Time/Date

Name/Time/Date

From:

To:

Name/Time/Date

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity
2. PCB/Pesticides
3. Priority Pollutant Scan
4. Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCB/Pesticides:

30.4 ppm PCBs 1260

Section Chief:

DS

Verified By:

Sw

Authorized By:

Date:

12-6-85



**SECURITY**

Priority ALAD

Lab No. 851050

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector STONE 1015 12/5/85 Sample Source UNITED RIGGING  
Name/Time/Date

Sample ID No. F3-9 Preservative Used N/A

Sample Alert

ORIGINAL  
(Red)

Specify Program:

RCRA: ☒

NPDES: ☐

OTHER: ☐

Chain of Custody Sample Possession:

From: John D. Ryan 1339 12/5/85 To: \_\_\_\_\_  
Name/Time/Date

Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date

Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

85 ppm PCB AS 1260

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

Date: 12-6-85

WMM

**SECURITY**

Priority ASAD

L No. 851060

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector STUE  
1015 12/5/85  
Name/Time/Date

Sample Source UNITED RIGGING

Sample ID No. F3-10

Preservative Used N/A

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Philip 135 12/5/85  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

55.3 ppm PCB A-1260

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FILE COPY

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

Date: 12-6-85



Priority ASAP

**SECURITY**  
HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

851050

Collector STOE 1015 12/5/85 Sample Source UNITED RIGG, NC  
Name/Time/Date

Sample ID No. F3-11 Preservative Used N/A

Sample Alert \_\_\_\_\_

Specify Program: \_\_\_\_\_

RCRA: ☒ NPDES: \_\_\_\_\_ OTHER: \_\_\_\_\_

Chain of Custody Sample Possession:

From: John Miller 1339 12/5/85 To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

- |                            |                          |
|----------------------------|--------------------------|
| 1. EP Toxicity             | 2. <u>PCB/Pesticides</u> |
| 3. Priority Pollutant Scan | 4. Identify/Compare      |

GC/MS Analysis indicates the presence  
of the following compounds:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

GC Analysis indicates the presence  
of the following PCB/Pesticides:

59.9 ppm PCB 45124  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section Chief: \_\_\_\_\_ Verified By: SW Authorized By: \_\_\_\_\_  
Date: 12-8-85

MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratory Administration

Priority ASAP

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

851060

Collector STEVE 1015 12/5/85  
Name/Time/Date

Sample Source UNITED RIGGING

Sample ID No. F3-12

Preservative Used N/A

Sample Alert

Specify Program:

PCRA: ✓

NPDES:       

OTHER:       

Chain of Custody Sample Possession:

From: [Signature] 1037 12/5/85 To:         
Name/Time/Date

Name/Time/Date

From:        To:         
Name/Time/Date

Name/Time/Date

From:        To:         
Name/Time/Date

Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

17.9 ppm PCB AS 1260

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ENTERED IN FILE  
FILE NO. 1015

Section Chief:       

Verified By: SW

Authorized By:       

Date: 12-8-85



www

Doc 2355

21203

HAZARDOUS  
Organic Analysis

HAZARDOUS WASTE

Specify Program:

ORIGINAL  
(Red)

From: \_\_\_\_\_ To: \_\_\_\_\_  
Name/Time/Date Name/Time/Date

1.	EP Toxicity	2.	PCB/Pesticides
3.	Priority Pollutant Scan	4.	Identify/Compare

17.6 ppm PCB HS 12.6

Section Chief: \_\_\_\_\_ Verified By: SW Authorized By: \_\_\_\_\_  
Date: 12-6-85

Balt. Md.

# SECURITY

Lab. No.

851050

Priority ASAP

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector STONE 10 K 12/5/85  
Name/Time/Date

Sample Source UNITED RIGGING

Sample ID No. X4D2

Preservative Used N/A

Sample Alert \_\_\_\_\_

Specify Program:

RCFA: ☒

NPDES: \_\_\_\_\_

OTHER: \_\_\_\_\_

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: John Meyer 1339 12/5/85  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

19.3 ppm PCB #126

Section Chief: \_\_\_\_\_

Verified By: SW

Authorized By: \_\_\_\_\_

Date: 12-6-85



Bai

# SECURITY

Lab 10.

851060

Date: 12-6-85

CHEMICAL ~~WASTE~~ MGMT.

REPORT

SECURITY

851060

CHEMICAL LABORATORY DEPARTMENT

916 W. Patapsco Avenue, Baltimore, Maryland 21220

## SAMPLE CHAIN OF CUSTODY

SAMPLE SOURCE UNITED/PEPCOCONTRACTOR CWMCOLLECTOR DON STONEORIGINAL  
(Red)

TIME

12-5-85  
DATE

SAMPLE ID NO(s):

AREA F3 DISCHARGE

# 8

9

10

X 11

X 12

X4 A2

X4 D2

X4 E

RECEIVED

DEC 9 1985

EVIDENCE FILE  
FILE ONLY

## SAMPLE POSSESSION:

FROM Donald R. Stone 12-5-85  
NAME TIME DATEFROM Arthur Young 12-5-85  
NAME TIME DATEFROM John Miller 12-5-85  
NAME TIME DATEFROM \_\_\_\_\_  
NAME TIME DATETO Arthur Young 12-5-85  
NAME TIME DATETO John Miller 12-5-85  
NAME TIME DATETO John Miller 12-5-85  
NAME TIME DATETO \_\_\_\_\_  
NAME TIME DATE

ANALYSED BY:

NAME

TIME

DATE



MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Laboratories Administration  
P.O. Box 2355  
Baltimore, Maryland 21203

Priority ASAP

Lab No. 851076

HAZARDOUS WASTE LABORATORY  
Organic Analysis Report Form

Collector Don Stone 1045 AM 12/10 Sample Source Soil (United Recycling)  
Name/Time/Date

Sample ID No. X-4 Preservative Used NONE

Sample Alert

Specify Program:

RCRA:

NPDES:

OTHER:

Chain of Custody Sample Possession:

From: x Smith 1045 12/10/85 To: Rob. Call 12/10/85 1100 Hrs  
Name/Time/Date Name/Time/Date  
From: Rob. Call 12/10/85 1155 Hrs To: Don Stone 12/10/85 1155  
Name/Time/Date Name/Time/Date  
From: Don Stone 1215 12/10/85 To: Michael 12:15 12-10-85  
Name/Time/Date Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2. PCB/Pesticides

3. Priority Pollutant Scan

4. Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

20.7 ppm PCB AS 1266

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DEC 11 1985

FILED  
FBI - BALTIMORE

Section Chief: DS

Verified By: SD

Authorized By: \_\_\_\_\_

Date:

12-11-85



Priority \_\_\_\_\_

U.S. Environmental Protection Agency  
Hazardous Waste Laboratory  
Organic Analysis Report Form

# SECURITY

Lab No. \_\_\_\_\_

851083

Collector Don Stone 1030A 12/11/85  
Name/Time/Date

Sample Source Soil United Rigg  
1 Saltville

Sample ID No. F3D #5

Preservative Used \_\_\_\_\_

Sample Alert \_\_\_\_\_

Specify Program:

RCRA: ☒

NPDOS: ☒

OTHER: \_\_\_\_\_

ORIGINAL  
(Red)

Chain of Custody Sample Possession:

From: Don Stone 1030A 12/11/85  
Name/Time/Date

To: Tom B. [unclear] 1030/12/11/85  
Name/Time/Date

From: Tom B. [unclear] 12/11/85  
Name/Time/Date

To: Jim [unclear] 12/11/85  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity

2.

PCB/Pesticides

3. Priority Pollutant Scan

4.

Identify/Compare

GC/MS Analysis indicates the presence  
of the following compounds:

GC Analysis indicates the presence  
of the following PCB/Pesticides:

0.1 ppm PCB AB 126

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DEC 14 1985

FILE COPY ONLY

Section Chief: \_\_\_\_\_

Verified By: Siv

Authorized By: \_\_\_\_\_

Date: 12-12-85

Lab No. 851098

Collector Don Douglas 1000 12/14/85 Sample Source Soil (United Rigging)  
Sample ID No. F3D # 8

Sample ID No. F3D # 8

## Sample Alert

Preservative Used r/h

Specify Program:

PCRA:

NPDES:

OTHER:

~~ORIGINAL~~  
(Red)

Chain of Custody Sample Possession:

From: D. Sanders 1000 12/16/85  
Name/Time/Date

To: John O Meyer 1000 12/16/85

From: John C. Pinner 12/12/85  
Name/Time/Date

To: G. D. Williams 11/4 12/14/5  
Name/Time/Date

From: \_\_\_\_\_  
Name/Time/Date

To: \_\_\_\_\_  
Name/Time/Date

Circle and Specify Parameters Requested:

1. EP Toxicity
2. PCB/Pesticides
3. Priority Pollutant Scan
4. Identify/Compare

GC/MS Analysis indicates the presence of the following compounds:

GC Analysis indicates the presence of the following PCE/Pesticides:

0.05 ppm P.C.F. RS 126

Section Chief: DS

Verified by:

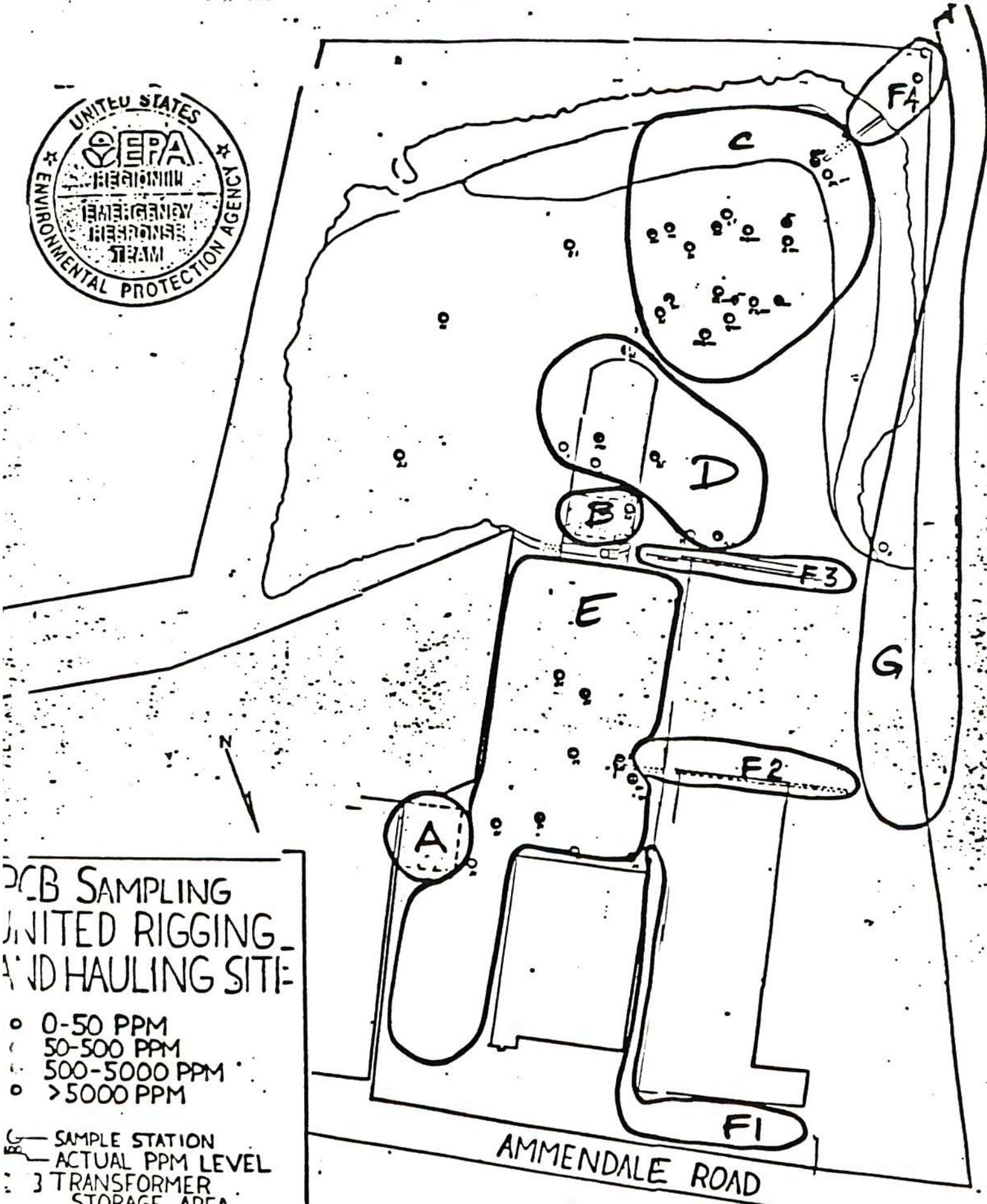
Authorized By:

Date:

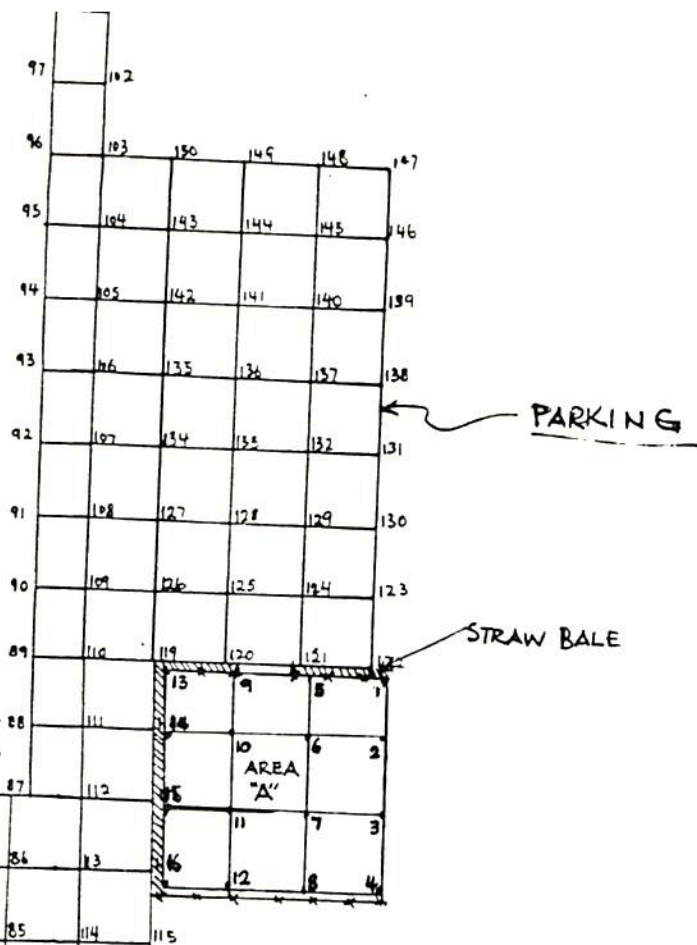
12-17-85

APPENDIX K  
SITE PLANS





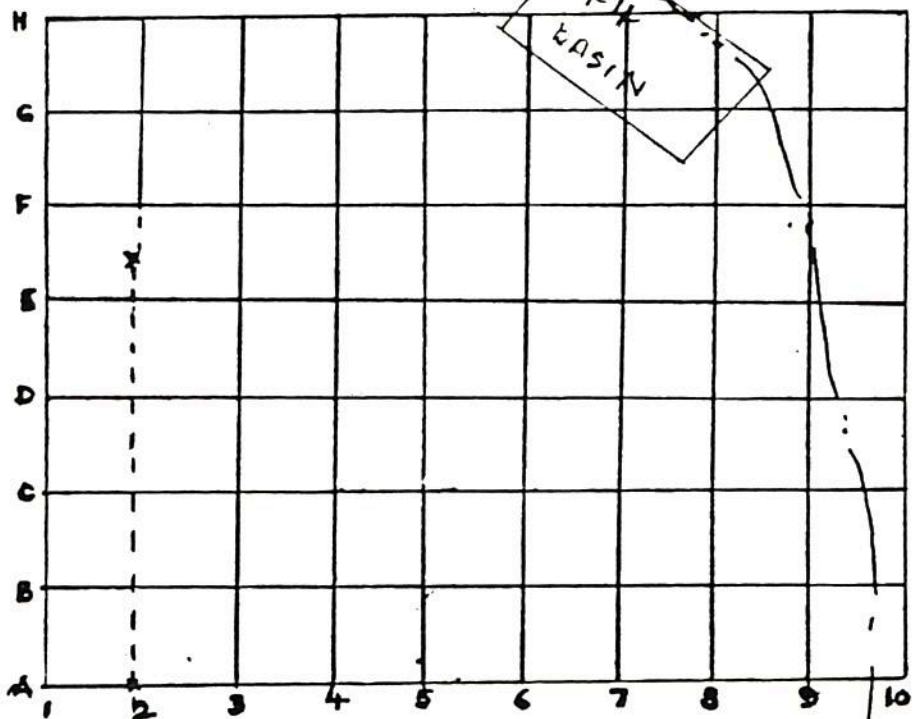
WORK PLAN-REVISION 3 7/16/85



153	150	156	159	162	87	112	
154	151	155	158	161	86	113	
165	151	154	157	160	85	114	115
166	1	29	25	48	49	72	73
167	2	23	24	47	50	71	74
168	3	22	27	51	70		75
169	4	21	28	45	52	69	76
170	5	20	29	44	53	68	77
78	6	19	30	43	54	67	78
172	7	18	31	42	55	66	79
173	8	17	32	41	56	65	80
74	9	16	33	40	57	64	81
75	10	15	34	39	58	63	82
76	11	14	35	38	59	62	83
177	12	13	36	37	60	61	84

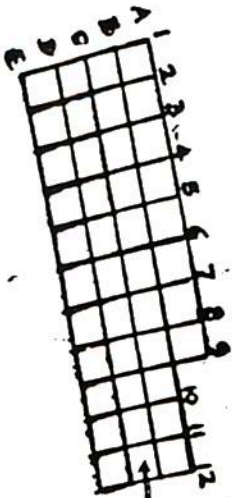
# ADJOINING WAREHOUSE

AREA "A"



AREA "C"

AREA "B"



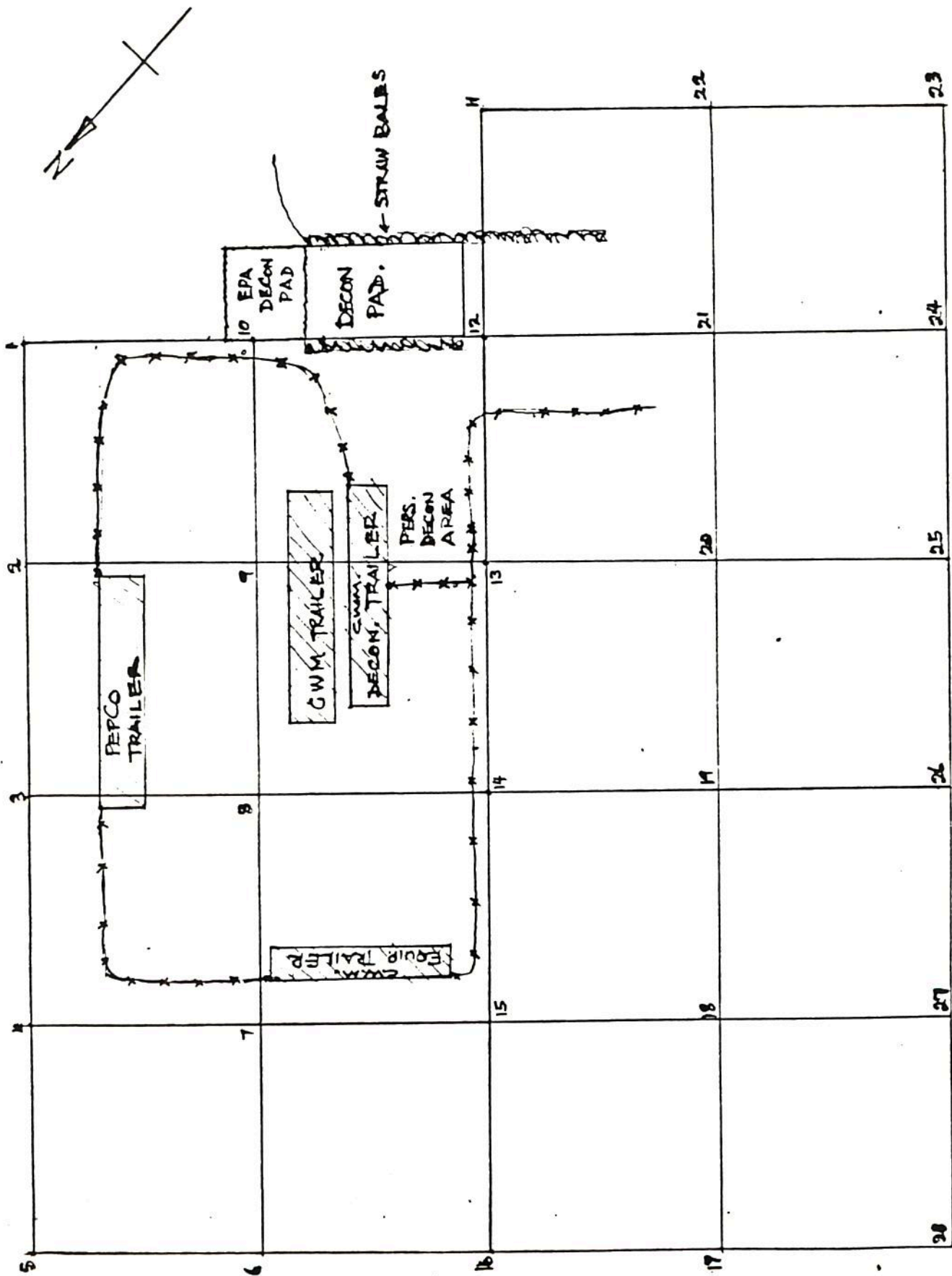
BEAM PAD

APPE SET

Sample underneath wooden cribbing







UNITED RIGGING SITE  
AREA "D"

OFFICE BLDG.



WAREHOUSE

UNITED RIGGING

PARKING

AREA  
"A"

163	153	156	159	162	87	112	117
164	152	155	158	161	86	113	116
165	151	154	157	160	85	114	115
166	1	24	25	48	49	72	73
167	2	23	26	47	50	71	74
168	3	22	27	46	51	70	75
169	4	21	28	45	52	69	76
170	5	20	29	44	53	68	77
171	6	19	30	43	54	67	78
172	7	18	31	42	55	66	79
173	8	17	32	41	56	65	80
174	9	16	33	40	57	64	81
175	10	15	34	39	58	63	82
176	11	14	35	38	59	62	83
177	12	13	36	37	60	61	84

AREA "E"

UNITED RIGGING & HAULING CO.

FRED S. GICHNER  
WAREHOUSE

GICHNER'S  
OFFICE BLDG.

ENTRANCE

GARAGE

GRASS

PAVED

OPEN SWALE

10' INTERVAL

GRASS

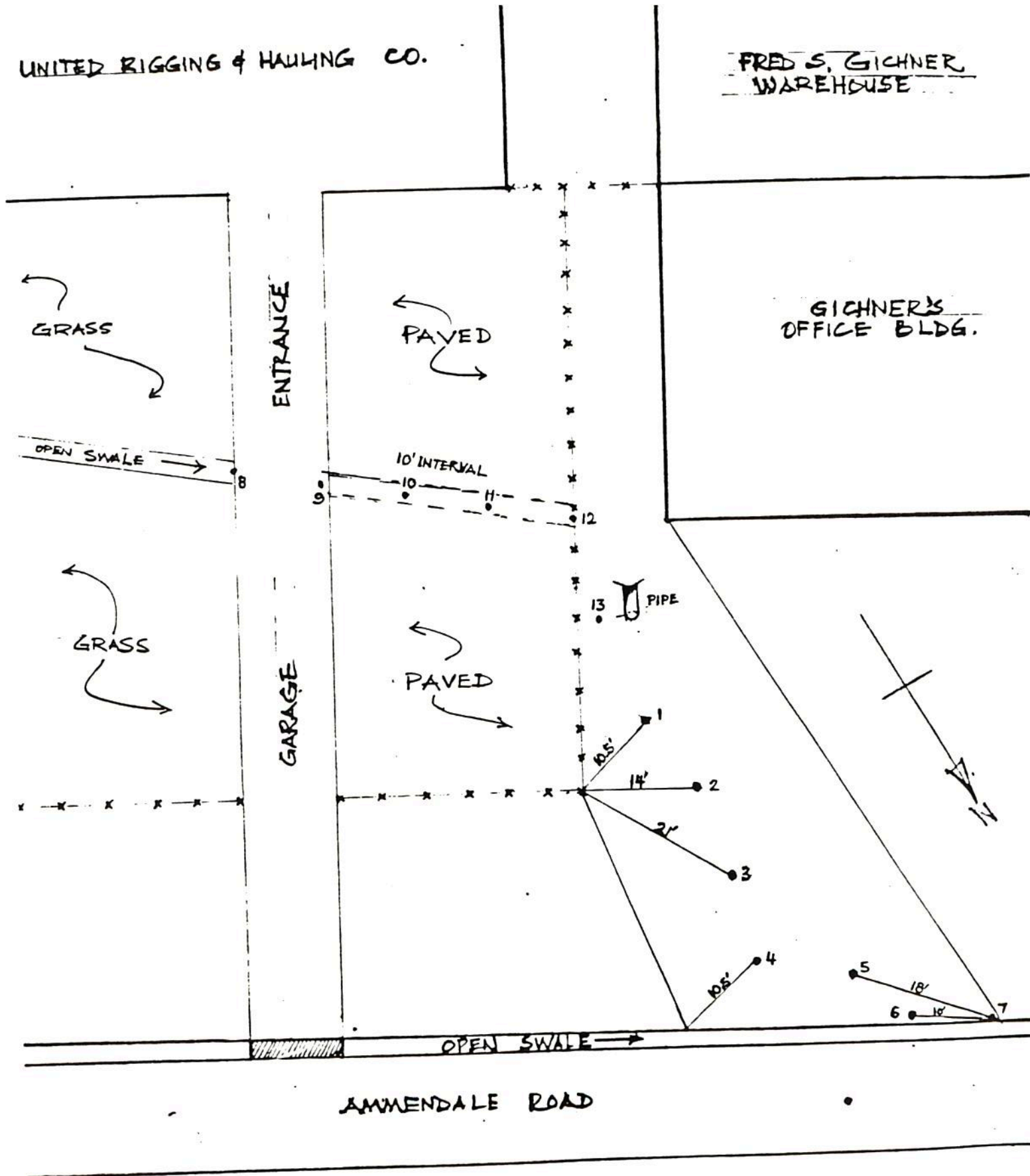
PAVED

PIPE

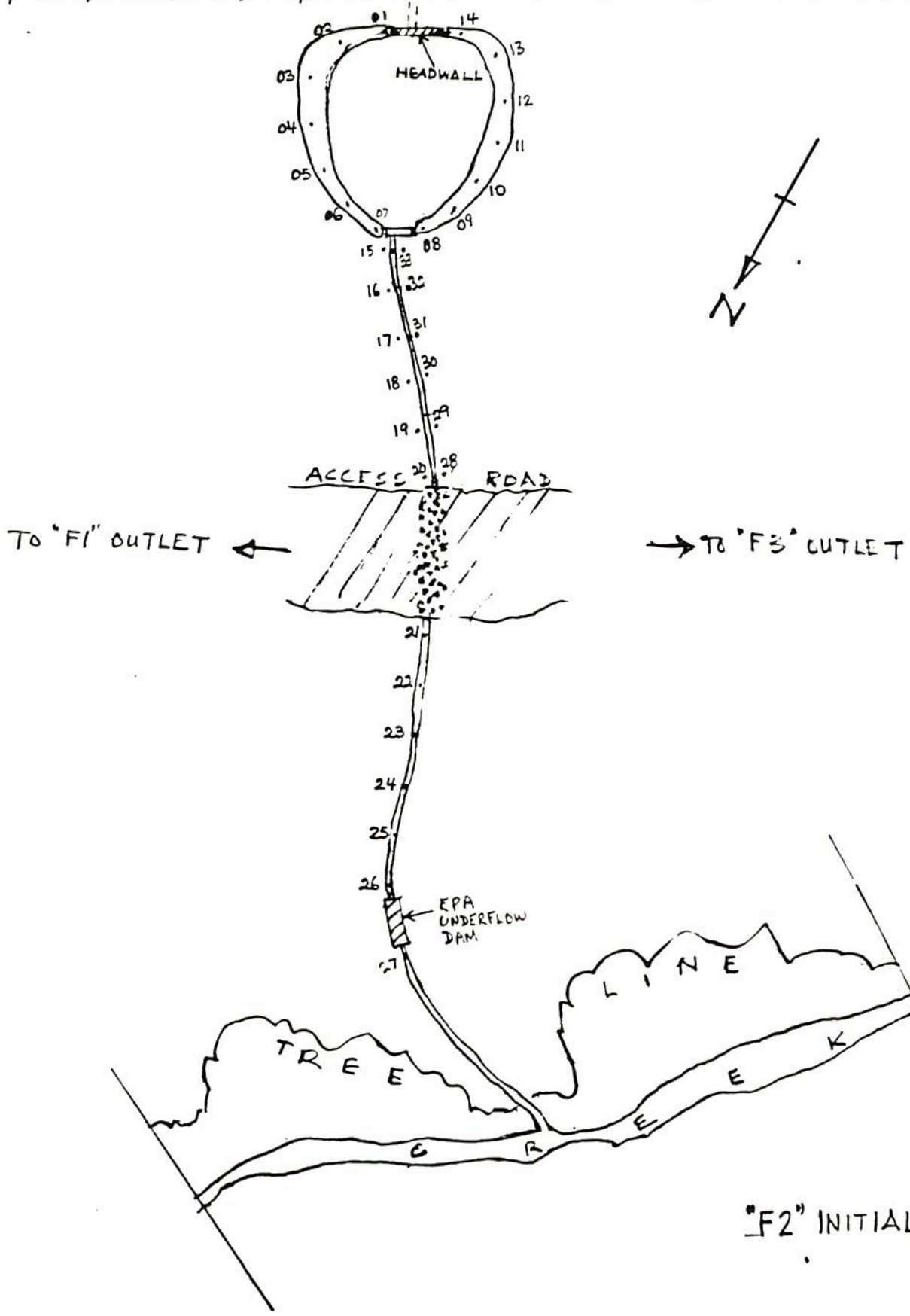
OPEN SWALE

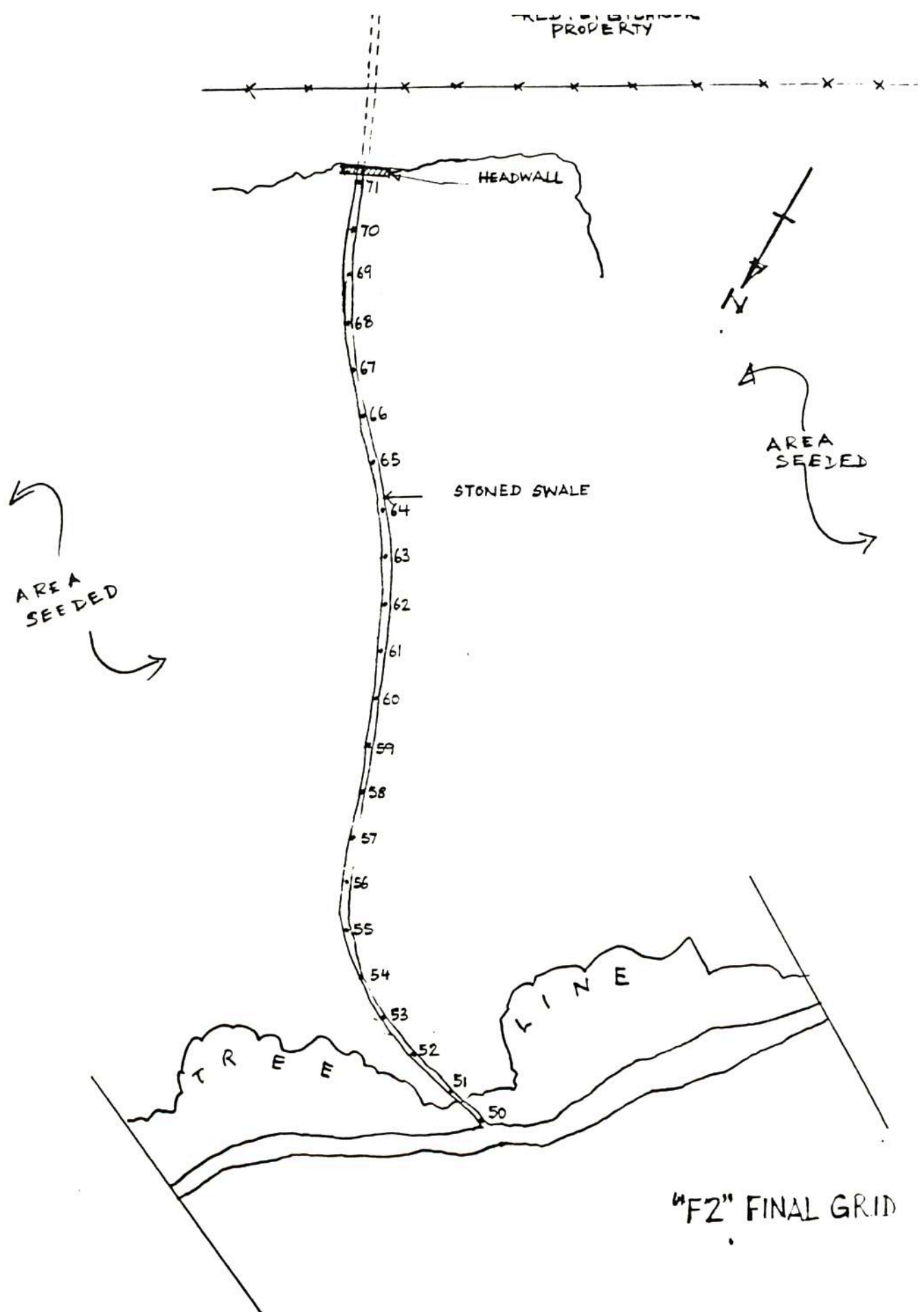
AMMENDALE ROAD

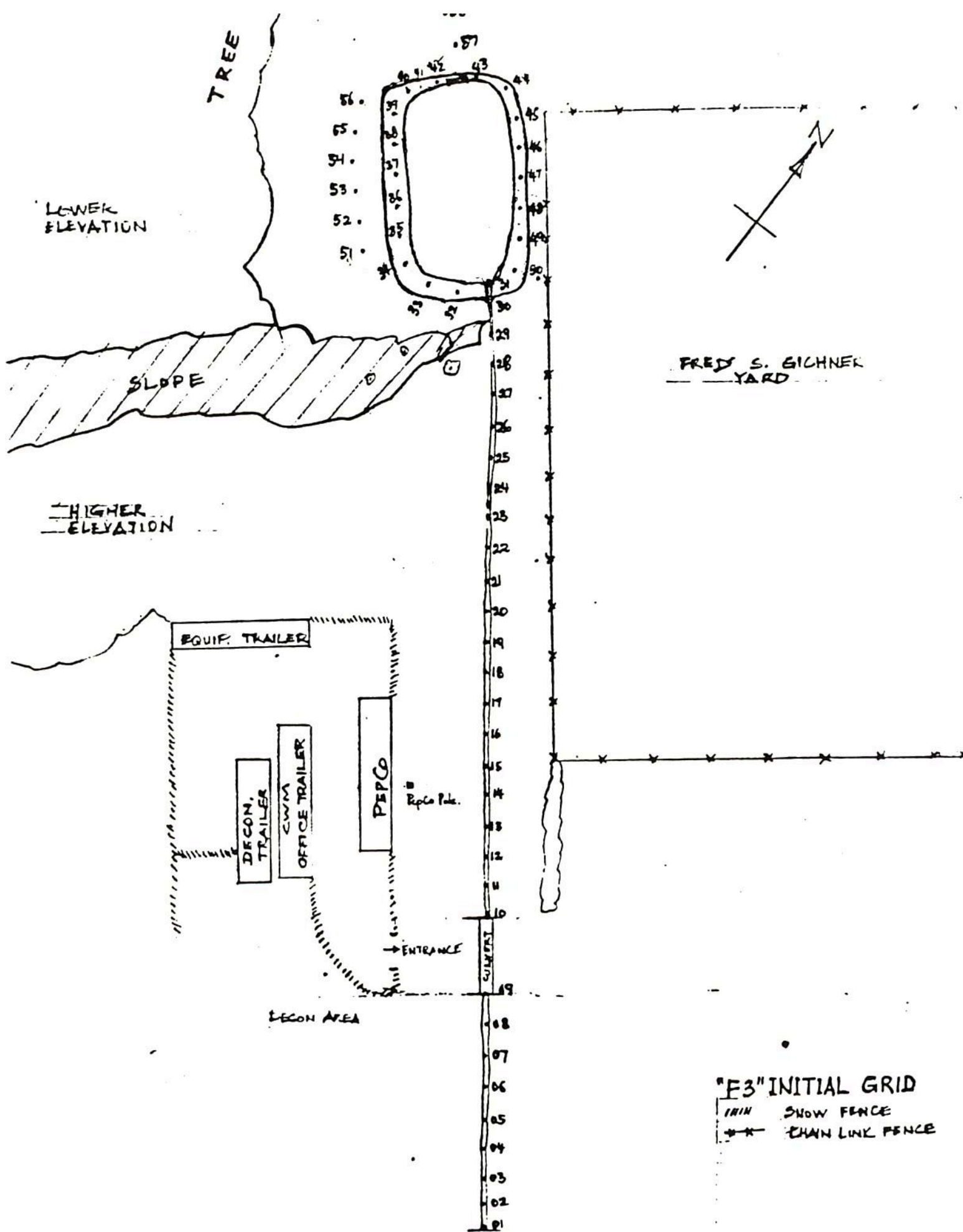
'F1' AREA



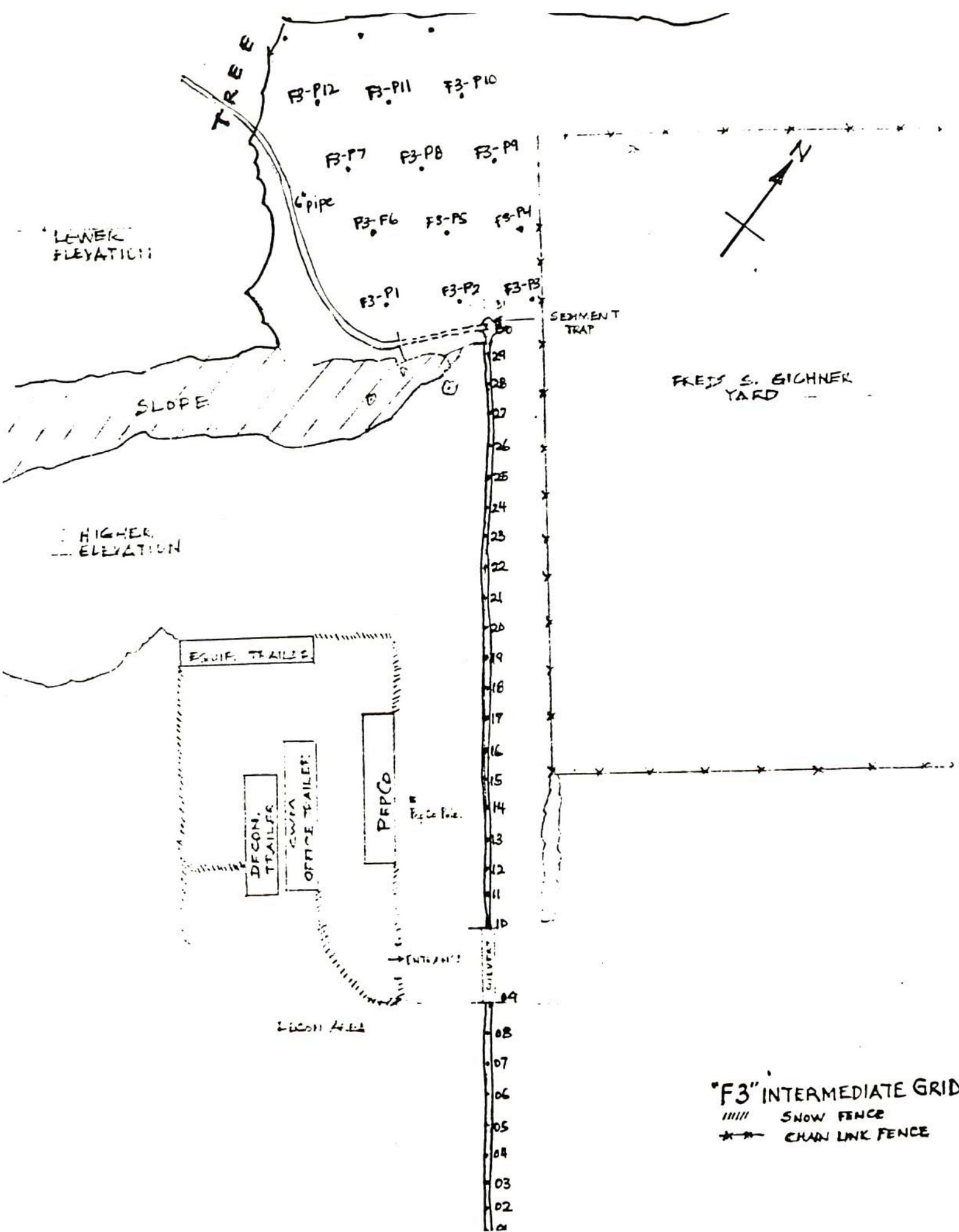


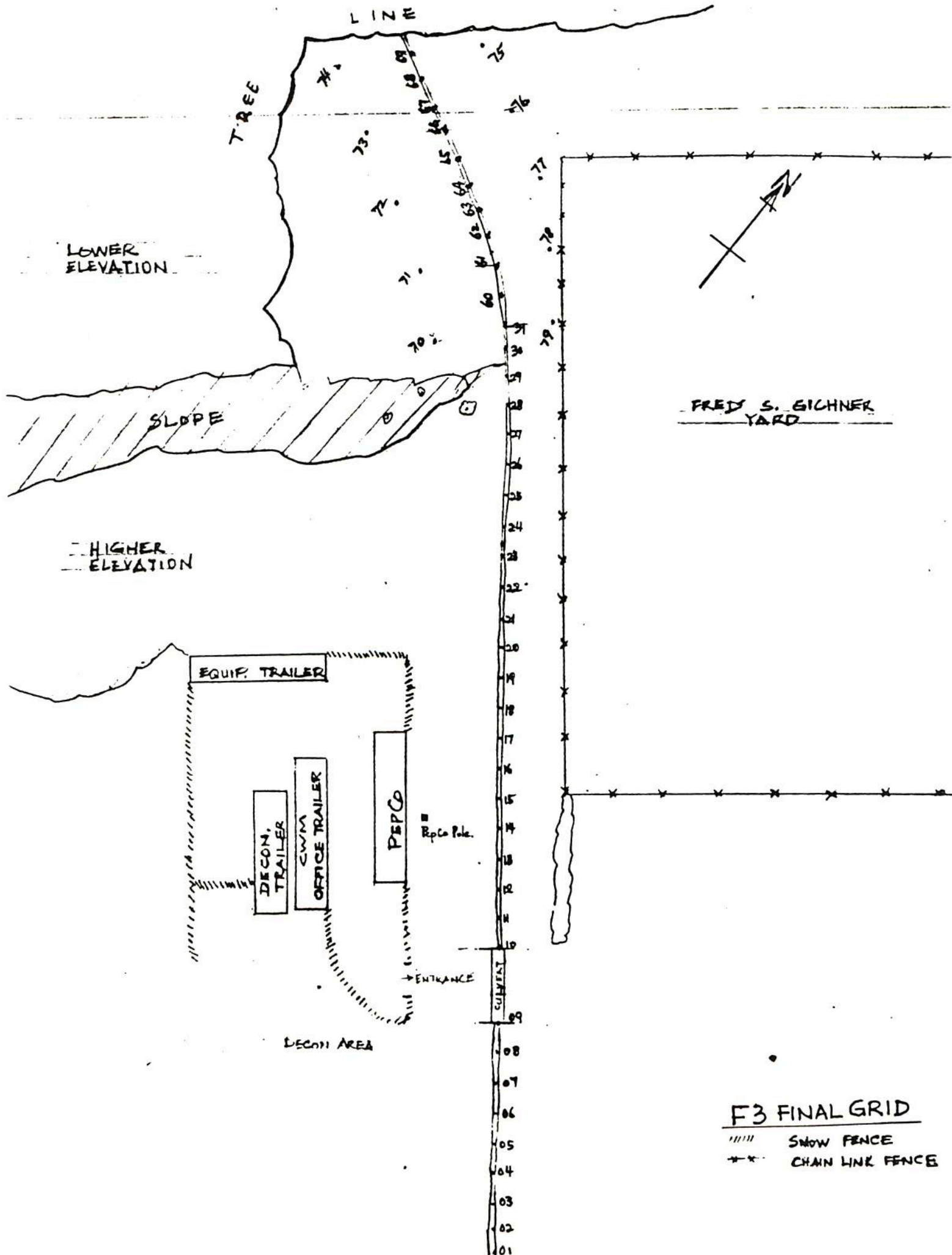


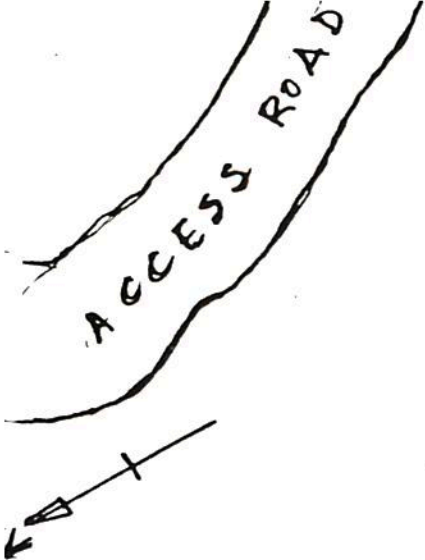




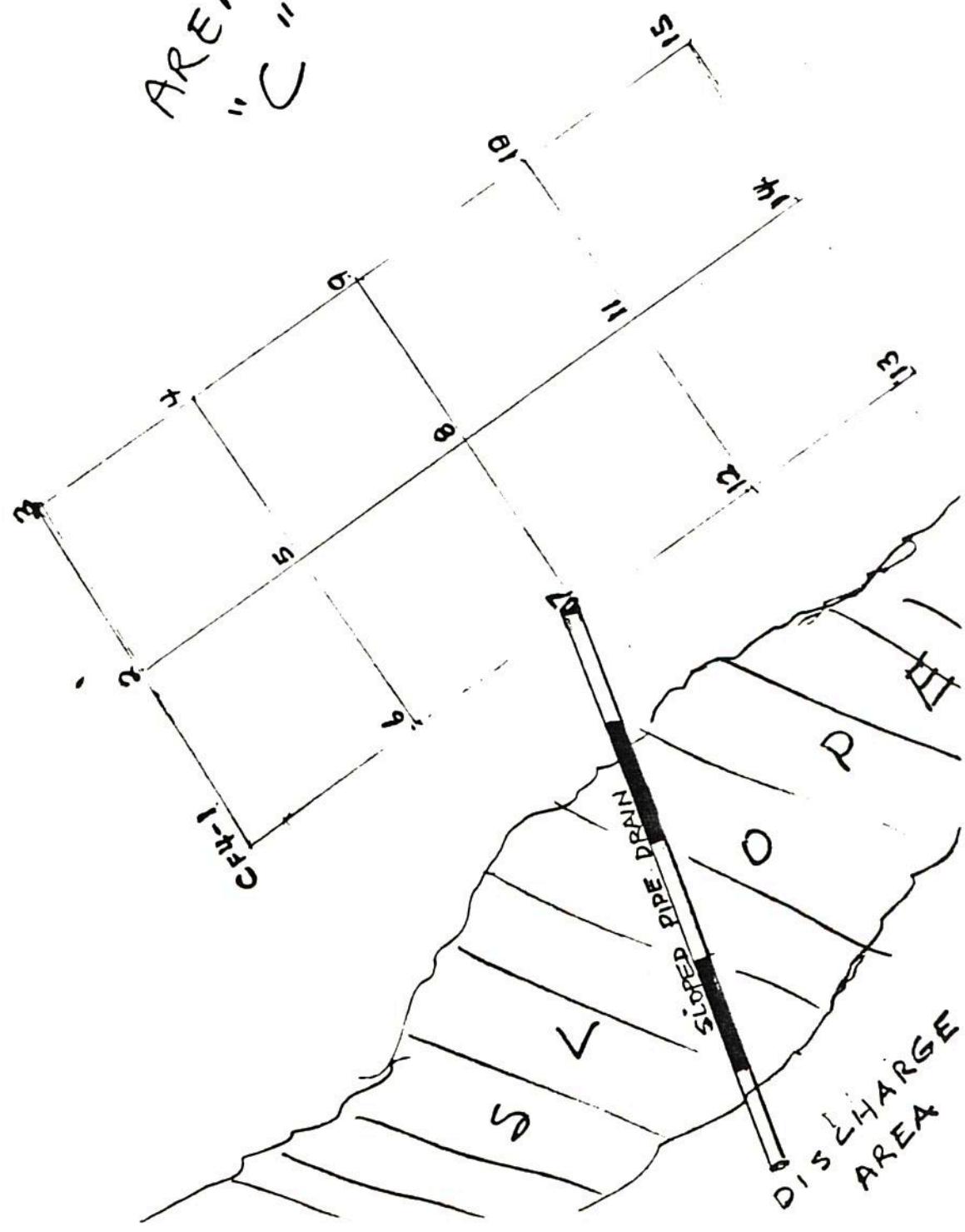






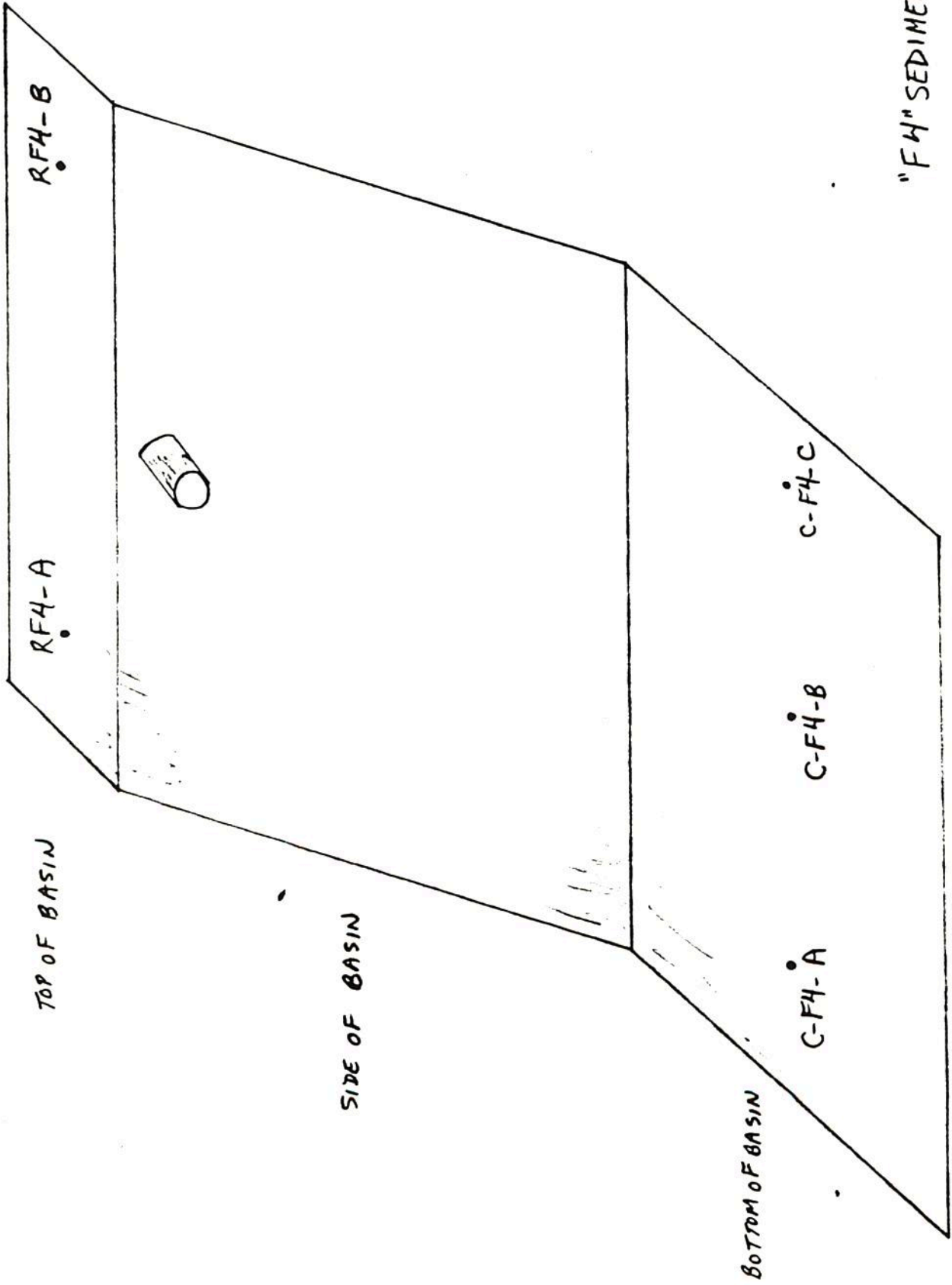


AREA  
"C"



"F4" SEDIMENT BASIN  
(LOCATED IN AREA "C")  
INITIAL GRID  
SAMPLES TAKEN AT 0',  
4', 6' & 8' DEPTHS





"FH" SEDIMENT BASIN  
FINAL GRID

